RF25HM\*\*





# Refrigerator user manual

### imagine the possibilities

Thank you for purchasing this Samsung product.



Free Standing Appliance

**SAMSUNG** 

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### safety information

### SAFETY INFORMATION

Before using your new Samsung French Door Refrigerator, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers safely and efficiently.

This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or those who lack experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

Because the following instructions cover various models, the characteristics of your refrigerator may differ slightly from the refrigerator described in this manual.

If you have any question, contact us at 1-800-SAMSUNG or find help and information online at www.samsung.com.

### 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.

	Do NOT attempt.
$\boxtimes$	Do NOT disassemble.
<b>8</b>	Do NOT touch.
*	Follow directions carefully.
<b>3</b> -	Unplug the power plug from the wall socket.
<b></b>	Make sure the refrigerator is grounded to prevent electric shock.
	Call the contact center for help.
$\mathbb{Z}$	Note.

These warning symbols are here to prevent injury to you and others. Please follow them carefully. After reading this section, keep it in a safe place for future reference.

#### **⚠ WARNING**

### State of California Proposition 65 Warning

• Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

### **A WARNING**

### CRITICAL INSTALLATION WARNINGS



- Do not install the refrigerator in a damp location or place where it may come in contact with water.
- Deteriorated insulation on electrical parts may cause an electric shock or fire.
- Do not place this refrigerator in direct sunlight or expose it to the heat from stoves, room heaters, or other appliances.
- Do not plug several appliances into the same multiple power strip.
  - The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the voltage listed on the refrigerator's rating plate.
- This provides the best performance and also prevents overloading of house wiring circuits, which could cause a fire hazard from overheated wires.
- If the wall socket is loose, do not insert the power plug.
- There is a risk of electric shock of fire.
- Do not use a power cord that has cracks or abrasion damage along its length or at either end
- Do not bend the power cord excessively or place heavy objects on it.
- Do not twist or tie the power cord.
- Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- This may result in an electric shock or fire.
- Never unplug your refrigerator by pulling on the power cord.
  - Always grip the plug firmly and pull straight out from the outlet.
- Damage to the cord may cause a short-circuit, fire, and/or electric shock.
- Do not use aerosols near the refrigerator.
- Using aerosols near the refrigerator may cause an explosion or fire.
- Do not install this appliance near a heater or inflammable material.
- Do not install this appliance in a humid, oily, or dusty location, or in a location exposed to

- direct sunlight or water (rain, etc.).
- Do not install this appliance in a location where gas may leak.
- This may result in an electric shock or fire.



- This refrigerator must be properly located and installed in accordance with the instructions in this manual before you use it.
- Connect the power plug in the proper position with the cord hanging down.
- If you connect the power plug upside down, the wire can get cut off and cause a fire or electric shock.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- This constitutes a fire hazard.
- Make sure that the power plug is not crushed or damaged by the back of the refrigerator.
- Keep the packing materials out of reach of children.
- There is a risk of death from suffocation if a child puts the packing materials on his or her head.
- The appliance must be positioned so that the plug is accessible after installation.
- Failing to do so may result in an electric shock or fire due to electric leakage.
- You need to remove all the protective plastic film before you initially plug the product in.
- Children should be supervised to ensure that they do not play with the fastener.
- they do not play with the fastener.

  There is a risk of death from suffocation if a

child swallows the fastener.

Pay special attention to children because it can be dangerous.

Keep the fastener out of reach of children.



- The refrigerator must be safely grounded.
- Always make sure that you have grounded the refrigerator before attempting to investigate or repair any part of the appliance.
  - Power leakages can cause severe electric shock
- Never use gas pipes, telephone lines, or other potential lightning attractors as an electrical ground.
- Improper use of the grounding plug can result in a risk of electric shock.

If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade grounding plug and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord

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- should be AC 115-120 V, 10 A, or more. If a grounding adapter is used, make sure the receptacle box is fully grounded.
- Plug the power plug into the wall socket firmly.
   Do not use a damaged power plug, damaged power cord, or loose wall socket.
- This may result in an electric shock or fire.



If the power cord is damaged, have it replaced immediately by the manufacturer or one of its service agent.

### **A** CAUTION

### **INSTALLATION CAUTIONS**



- Allow sufficient space around the refrigerator and install it on a flat surface.
- If your refrigerator is not level, cooling efficiency and durability can be declined.
- Keep the ventilation space in the appliance enclosure or mounting structure clear of obstructions.
- Allow the appliance to stand for 2 hours before loading foods after installation and turning on.
- We strongly recommend you have a qualified technician or service company install the refrigerator.
- Failing to do so may result in an electric shock, fire, explosion, problems with the product, or injury.

### **MARNING**

### CRITICAL USAGE WARNINGS



- Do not insert the power plug into a wall socket 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 insert hands, feet or metal objects (such as knives, etc.) into the bottom or the back of the refrigerator.
- This may result in an electric shock or injury.
- Any sharp edges may cause a personal injury
- Do not put a container filled with water on the refrigerator.
- If spilled, there is a risk of fire or electric shock.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep fingers out of "pinch point" areas.
   Clearances between the doors and cabinet are necessarily small. Be careful when you open the doors if children are in the area.
- Do not let children hang on the door.
   A serious injury may occur.
- Do not let children go inside the refrigerator. They could become trapped.
- Do not insert your hands into the bottom area under the appliance.
- Any sharp edges may cause personal injury.
- Do not let children step on a drawer cover.
- The drawer may break and cause them to slip.
- Do not overfill the refrigerator with food.
- When you open the door, an item may fall out and cause personal injury or material damage.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- This may cause frostbite.
- Never put fingers or other objects into the water dispenser hole, ice chute, or ice maker bucket
- It may cause personal injury or material damage.
- Do not use or place any substances sensitive to temperature such as inflammable sprays, inflammable objects, dry ice, medicine, or chemicals near or inside of the refrigerator.
- Do not keep volatile or inflammable objects or substances (benzene, thinner, propane gas, alcohol, ether, LP gas, and other such products) in the refrigerator.

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- This refrigerator is for storing food only.
- This may result in fire or explosion.
- Do not store pharmaceutical products, scientific materials, or temperature sensitive products in the refrigerator.
- Products that require strict temperature controls must not be stored in the refrigerator.
- Do not place or use an electrical appliance inside the refrigerator, unless it is of a type recommended by the manufacturer.
- Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

  This may result in an electric shock, fire, problems with the product, or injury.

  Do not put a container filled with water on the appliance.
- If spilled, there is a risk of fire or electric shock.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not spray volatile material such as insecticide onto the surface of the appliance.
- As well as being harmful to humans, it may also result in an electric shock, fire, or problems with the product.
- Never stare directly at the UV LED lamp for long periods of time.
- This may result in eye strain due to the ultraviolet rays.



- Do not attempt to repair, disassemble, or modify the appliance yourself.
- Do not use any fuse (such as cooper, steel wire, etc.) other than a standard fuse.
- If your appliance needs to be repaired or reinstalled, contact your nearest service center.
- Failing to do so may result in an electric shock, fire, problems with the product, or injury.
- If the interior or exterior LED lamp has gone out, please contact your nearest service center.



- Children should be supervised to ensure that they do not play with the appliance.
- Keep fingers out of "pinch point" areas.
   Clearances between the doors and cabinet are necessarily small.
  - Be careful when you open the doors if children are in the area.

- Do not let children hang on the door.
   A serious injury may occur.
- Do not let children go inside the refrigerator. They could become trapped.
- Bottles should be stored tightly together so that they do not fall out.
- This product is intended only for the storage of food in a domestic environment.
- If a gas leak is detected, avoid any naked flames or potential sources of ignition, and air the room in which the appliance is standing for several minutes.
- Do not touch the appliance or power cord.
- Do not use a ventilating fan.
- A spark may result in explosion or fire.
- Use only the LED Lamps provided by the manufacturer or its service agents.



- If the refrigerator emits a burning smell or smoke, unplug the refrigerator immediately and contact your Samsung Electronics service center.
- If you experience difficulty changing a non-LED light, contact a Samsung service energy.
- If the product is equipped with LED Lamps, do not disassemble the Lamp Covers and LED Lamps yourself.
- Please contact your service agents.
- If dust or water enters the refrigerator, unplug the refrigerator and contact your Samsung Electronics service center.
- There is a risk of fire.

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### **A** CAUTION

### **USAGE CAUTIONS**



- Do not re-freeze frozen foods that have thawed completely.
  - Do not place carbonated or fizzy drinks in the freezer compartment.
  - Do not put bottles or glass containers in the freezer.
- When the contents freeze, the glass may break and cause personal injury.
- Use only the ice maker provided with the refrigerator.
- Have the refrigerator's water supply connected only to a potable water supply.
   To operate the ice maker properly, water pressure of 20 ~ 125 psi (138 ~ 862 kPa) is required. If you will be away from home for a long period of time (on vacation, for example) and won't be using the water or ice dispensers, close the water valve.
- Otherwise, water leakage may occur.
- If you won't be using the refrigerator for a very long period of time, (3 weeks or more) empty the refrigerator including ice bucket, unplug it, close the water valve, wipe excess moisture from the inside walls, and leave the doors open to prevent odors and mold.



- Service Warranty and Modification.
- Any changes or modifications performed by a 3rd party on this finished appliance are not covered under Samsung warranty service, nor is Samsung responsible for safety issues that result from 3rd party modifications.
- Do not block the air vents inside the refrigerator.
- If the air vents are blocked, especially with a plastic bag, the refrigerator can be over cooled.
   If this cooling period lasts too long, the water filter may break and cause water leakage.
- If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.
- If you have a long vacation planned or do not intend to use the refrigerator for a long period of time, (3 weeks or more) empty the refrigerator including ice bucket, pull out the power plug, close the water valve, wipe excess moisture from the inside walls, and leave the doors open to prevent odors and mold.

- To get the best performance from the product:
- Do not place food too close to the vents at the rear of the appliance as it can obstruct free air circulation in the refrigerator compartment.
- Wrap food up properly or place it in airtight containers before putting it into the refrigerator.
- Do not place glasses, bottles, or carbonated beverages in the freezer.
   These items may freeze and break.
   Broken glasses, bottles, and beverage containers can cause injury.
- Please observe maximum storage times and expiration dates of frozen goods.
- There is no need to disconnect the refrigerator from the power supply if you will be away for less than three weeks.
  - However, if you will be away for more than three weeks, remove all the food and ice in the ice bucket, unplug the refrigerator, close the water valve, wipe excess moisture from the inside walls, and leave the doors open to prevent odors and mold.
- Fill the water tank and ice cube trays with potable water only (tap water, mineral water, or purified water).
- Do not fill the tank with tea or a Sports drink. This may damage the refrigerator.
- Do not strike or apply excessive force to any glass surface.
- Broken glass may result in a personal injury and/or property damage.



- If the product is flooded, make sure to contact your nearest service center.
- There is a risk of electric shock or fire.
- Do not keep vegetable oil in your refrigerator's door bins. The oil can solidify, making it foul-tasting and difficult to use. In addition, the open container can leak and the leaked oil can cause the door bin to crack. After opening an oil container, it is best to keep the container in a cool and shaded place such as a cupboard or pantry.
  - Examples of vegetable oil: olive oil, corn oil, grape-seed oil, etc.

### **A** CAUTION

### **CLEANING CAUTIONS**



- Do not spray water directly on the inside or outside the refrigerator.
- There is a risk of fire or electric shock.
- Do not use a hair dryer to dry the inside of the refrigerator.
- Do not place a lighted candle in the refrigerator to remove bad odors.
- This may result in an electric shock or fire.



- Use a clean, dry cloth to remove any foreign matter or dust from the power plug blades. Do not use a wet or damp cloth when cleaning the plug.
- Otherwise, there is a risk of fire or electric shock.



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

### **⚠ WARNING**

### CRITICAL DISPOSAL WARNINGS



- DANGER: Risk of child entrapment. Before you throw away your old refrigerator or freezer:
- Take off the doors and door latch.
- Leave the shelves in place so that children cannot easily climb inside.
- Children trapped inside a refrigerator can hurt themselves or suffocate to death.
- Please dispose of the packaging material from this product in an environmentally friendly manner.
- Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.
- R-600a or R-134a is used as a refrigerant.
   Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator.
  - If this product 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, the child may get hurt or suffocate to death.
- Cyclopentane is used in the insulation. The gases in the insulation material require a special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product.
- Keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.
- If a child places a bag over his or her head, the child could suffocate.

### ADDITIONAL TIPS FOR PROPER USAGE

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

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# 01 SETTING UP

### Setting up your French Door Refrigerator

### GETTING READY TO INSTALL THE REFRIGERATOR

Congratulations on your purchase of the Samsung refrigerator.

We hope you enjoy the state-of-art features and efficiencies that this new appliance offers.

### Selecting the best location for the refrigerator

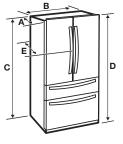
#### Choose:

- A location with easy access to a water supply.
- A location without direct exposure to sunlight.
- A location with level (or nearly level) flooring.
- A location with enough space for the refrigerator doors to open easily.
- A location that allows sufficient space to the right, left, back, and top for air circulation. If the refrigerator does not have enough space, it can cause the bad influence to refrigeration efficiency and power consumption.
- A location that allows you to move the refrigerator easily if it needs maintenance or service.
- Do not install the refrigerator in locations where the temperature is over 110 °F (43 °C) or below 50 °F (10 °C).

If the refrigerator does not have enough space, the internal cooling system may not work properly. If your refrigerator has an ice maker, allow extra space at the back for the water line connections. When you install the refrigerator next to a fixed wall, you need a minimum clearance of 3 ¾" (95 mm) between the refrigerator and wall to allow the door to swing open.

**Important:** Make sure that you can easily move your refrigerator to its final location by measuring doorways (both width and height), thresholds, ceilings, stairways, etc.

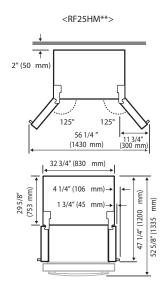
The following chart details the exact height and depth of this Samsung French Door Refrigerator.



Model	RF25HM**	
Depth "A"	34" (863 mm)	
Width "B"	32 3/4" (830 mm)	
Height "C"	68 7/8" (1749 mm)	
Overall Height "D"	<b>D"</b> 70" (1777 mm)	
Depth "E"	36 1/2" (925 mm)	

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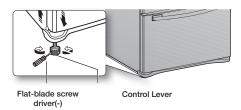
Each measurement based on the design dimension, so it may differ depending on the measuring method.

### **A** CAUTION

### When moving your refrigerator

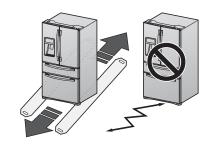
To prevent floor damage, be sure the front adjusting legs are in the up position (above the floor).

Refer to 'Adjusting the doors' on page 14.



#### **FLOORING**

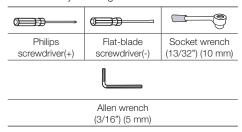
For proper installation, you must place this refrigerator on a level, hard surface that is the same height as the rest of the floor. This surface should be strong enough to support a fully loaded refrigerator. To protect the finish of the flooring, cut a large section of the cardboard carton and place it under the refrigerator where you are working. When moving a refrigerator, you need to pull and push it straight forwards or back. Do not wiggle it from side to side.



### **REQUIRED TOOLS**

### Required Tools (Not provided)

You need the following tools to complete the installation of your refrigerator:



### REMOVING THE REFRIGERATOR DOORS

For some installations, you need to remove the fridge doors and freezer drawer so you can move the refrigerator to its final location. **Do not remove the doors/drawers if you don't need to.** If you do not need to remove the refrigerator doors or drawers, go to 'Adjusting the Level' on page 14. If you need to remove the doors and drawers. continue below. Before removing the doors or drawers, make sure you read the following warnings:

### **⚠ WARNING**

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



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

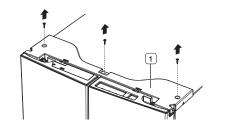
### **⚠ WARNING**

### Disassembling the refrigerator doors

Be careful not to drop and scratch the doors while removing them.

#### With the door opened

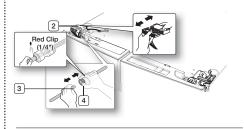
**1.** Remove the 3 screws holding down the TOP TABLE (**1**) and separate the connected wires.



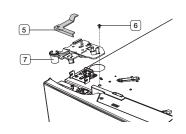
2. Disconnect the two connectors (2) on the left side door. To remove the water coupler from the hinge, twist and pull it from the hinge. Remove the water line (3) while pressing the marked part (4) of the water line coupler.

### **A** CAUTION

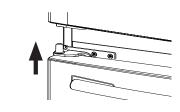
If a red clip is on the coupler, you must remove it before removing the tube.



 Pull and remove the hinge lever (5). Remove the ground screw (6) attached to the upper left door hinges with a philips screwdriver (+). Remove the upper left and right door hinges (7)



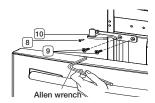
4. Lift the door straight up to remove.



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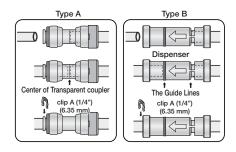
5. Remove the screw (8) attached to the lower left and right door hinges with a philips screwdriver (+). Remove the 2 hex head bolts (9) attached to the lower left and right door hinges with an allen wrench (3/16"). Remove the lower left and right door hinges (10).



### RE-ATTACHING THE REFRIGERATOR DOORS

To reattach the fridge doors after you have moved the fridge to its final location, assemble the parts in reverse order.

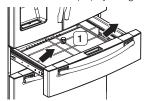
 The Water Line must be fully inserted into the center of the transparent coupler (Type A) or the Guide Lines (Type B) to prevent water leakage from the dispenser.



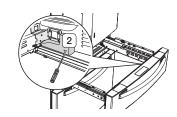
2. Insert the clip in the install pack and check that it holds the line firmly.

### DISASSEMBLING THE FLEX DOOR

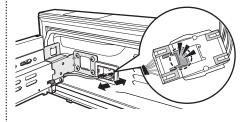
1. Take out the Flex Zone (1) by lifting it up.



**2.** Take off the cover (**2**) w/harness with a flat-blade screwdriver (-).



**3.** Press the locking tab and separate the Wire Connector.



### **A** CAUTION

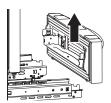
When reassembling it, be sure to connect the wire harness.

If it is not connected, the Flex Room does not work.

**4.** Remove 1 hex head bolt from each side with a socket wrench (10 mm).



5. Lift up the Flex door from the rails.



### RE-ASSEMBLING THE FLEX DOOR

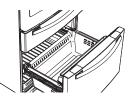
To reattach the flex doors, assemble parts in reverse order.

### **⚠** CAUTION

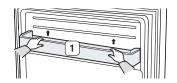
Be sure to connect the Flex Door Wire Connector. If it is not connected, the Flex Room does not work.

### DISASSEMBLING THE FREEZER DOOR

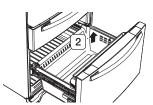
1. Take out the upper drawer by lifting it up.



**2.** Remove the freeze room guard (**1**) by lifting the guard up.



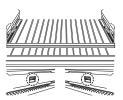
**3.** Take out the lower basket (**2**) by lifting the basket up from the rail system.



### **A** CAUTION

You can scratch the side of the bin if you twist it left or right when disassembling or re-assembling it

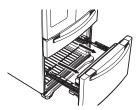
**4.** Press the fixing hook of the rail system.



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Holding the top of the Freezer Drawer, pull it out all the way, and then remove it from the rail system.



### **A** CAUTION

Be careful not to scratch or dent the sliding rail by letting it strike the floor.

### **A** CAUTION

Make sure that you mount the freezer basket in the right position when removing / installing the freezer door. Failing to do so may result in the door not opening or closing properly.

### **A** CAUTION

Putting too much food into the freezer drawers can prevent the freezer from closing completely and can cause frost build-up.









### RE-ASSEMBLING THE FREEZER DOOR

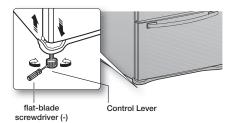
To reattach the drawer after you have moved the fridge to its final location, assemble the parts in reverse order.

### ADJUSTING THE LEVEL

Make sure the refrigerator is level so that you can make final adjustments. Use a level to test if the refrigerator is level both side to side and back to front. If the refrigerator is not level, you will not be able to get the doors perfectly even, which may cause moisture condensation and increased energy bills. Below is an example of how to level the refrigerator if the left side of the refrigerator is lower than the right side.

### How to adjust the level

- Open the freezer drawer and remove the lower basket.
- Insert a flat-blade screwdriver (-) into the notch on the left control lever, and then turn it counter-clockwise to level the refrigerator. (You turn the lever clockwise to lower the refrigerator and counterclockwise to raise it.)



### **A** CAUTION

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



If the right side is lower, perform the same procedure, but with the right control lever.



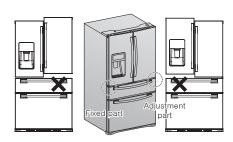
It is difficult to remove the cover leg front from the refrigerator, so we do not recommend making small adjustments with the control lever. Instead, refer to the next page for the best way to make minor adjustments to the doors.

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### MAKING MINOR ADJUSTMENTS TO THE DOORS

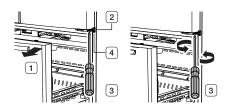
Remember, a leveled refrigerator is necessary for getting the doors perfectly even. If you need help, review the previous section on leveling the refrigerator.





The left door is fixed. To make minor adjustments between doors, adjust only the right door.

- 1. Pull out the Convertible door 1 to expose the lower hinge 2.
- 2. Insert a philips screwdriver (+) 3 into the shaft 4 of the lower hinge.
- 3. Adjust the height by turning a philips screwdriver (+) 3 clockwise ( bown ) or counterclockwise ( JP) ).





When you turn a philips screwdriver (+) counterclockwise (  $\stackrel{\text{up}}{\longleftarrow}$  ), the door will move up.

### INSTALLING THE WATER DISPENSER LINE

A water dispenser with a filter is one of the helpful features on your new refrigerator. To help promote better health, the water filter removes unwanted particles from your water. However, it does not sterilize the water or destroy microorganisms. You may need to purchase a water purifying system to do that.

The water line also connects to the ice maker. For the ice maker to operate properly, water pressure of 20-125 psi (138 ~ 862 kPa) is required.

If the refrigerator is installed in an area with low water pressure (below 20 psi), you can install a booster pump to compensate for the low pressure.

After you have connected the water line, make sure the water storage tank inside the refrigerator is properly filled. To do this, press the water dispenser lever until the water runs from the water outlet.



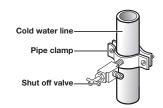
Water line installation kits are available at extra cost from your dealer.
We recommend using a water line installation kit that contains copper tubing and a 1/4" compression nut.

### Connecting to the water supply line

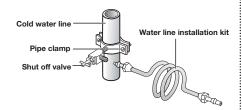
1. First, shut off the main water supply.



2. Locate the nearest cold water drinking line and install the pipe clamp and shut off valve.



**3.** Connect the water line installation kit to the shut off valve.

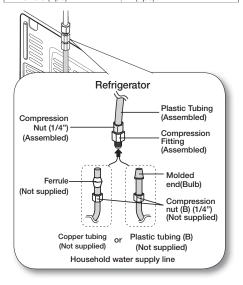


### Connecting the water supply line to the refrigerator.

There are several items that you need to purchase to complete this connection.

You may find these items sold as a kit at your local hardware store.

Use Copper Tubing	Use Plastic Tubing
<ul><li>¼" copper tubing</li><li>¼" compression nut</li></ul>	<ul> <li>¼" plastic tubing</li> <li>→ Molded end(Bulb)</li> </ul>
(1pc)	• 1/4" compression nut
Ferrule (2pc)	(1pc)



**1.** Connect the household water line to the assembled compression fitting.

If you are using copper tubing, slip the compression nut (  ${\bf B}$  ) (not supplied) and ferrule (not supplied) on the copper tubing (not supplied) as shown.

If you are using plastic tubing (  ${\bf B}$  ) , insert the molded end (Bulb) of the plastic tubing (  ${\bf B}$  ) into the compression fitting.

### **A** CAUTION

Do not use without the molded end (Bulb) of the plastic tubing (  ${\bf B}\,).$ 

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- 2. Tighten the compression nut (**B**) onto the compression fitting.
  - Do not over-tighten the compression nut ( B ).
- 3. Turn the water on and check for any leakage. If you find water drops or leakage in the connection areas, turn off the main water supply. Check the connections and, if necessary, tighten.
- 4. Flush 1 gallon of water through the filter before drinking or using the water from the refrigerator. (Flush approximately 6 minutes.) To flush, press a large glass or cup against the water dispenser lever. Fill the glass, empty it into the kitchen sink after it is filled, and then repeat.
- 5. After you turn on the refrigerator, let the ice maker make ice for 1 to 2 days. Over that period of time, throw out the first 1 or 2 buckets of ice the freezer makes to ensure all impurities have been removed from the water line.



Only connect the water line to a drinkable water source.

If you have to repair or disassemble the water line, cut off 1/4" of the plastic tubing to make sure you get a snug, leak-free connection.



You can test the water line quickly using a paper cup. Under normal conditions, the water dispenser can fill a 5.75 oz. (170cc) cup in about 10 seconds.

### COMPLETING THE SET UP

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

- Make sure your refrigerator is in an appropriate location with reasonable clearance between it and the wall. Refer to installation instructions in this manual.
- Once the refrigerator is plugged in, make sure the interior light comes on when you open the doors.
- Set the Temperature control to the coldest temperature and wait for an hour. The freezer will get slightly chilled and the motor will run smoothly. Reset the refrigerator and freezer to the temperatures you want.
- 4. After you plug the refrigerator in, it will take a few hours to reach the appropriate temperature. You can store food and drinks in the refrigerator after the temperature is sufficiently cool.

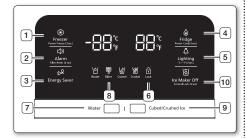


If condensation or water drops appear on both sides of the fridge door's central part, turn the Energy Saver mode off after removing the condensation. (See the explanation of the Energy Saver button in "Using the Control Panel" on page 18.)

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## Operating your French Door Refrigerator

### **USING THE CONTROL PANEL**



(1) Freezer/ Power Freeze (3sec)

The Freezer button serves two purposes:

- To set the Freezer to your desired temperature.
- To turn the Power Freeze function on and off.
- 1) To set the Freezer temperature, touch the Freezer button. You can set the temperature between 5 °F (-15 °C) and -8 °F (-23 °C).
- Power Freeze function
   Touch and hold this button for 3 seconds to decrease the time needed to freeze products in the Freeze the cap be helpful if you need to quickly.



It can be helpful if you need to quickly freeze easily spoiled items or if the temperature in the freezer has warmed dramatically (For example, if the door was left open).

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. If you need to freeze a large amount of food, activate the Power Freeze function at least 24 hours before you put the food into the freezer.

#### (2) Alarm/ Filter Reset (3sec)

The Alarm button serves two purposes:

- To turn the door open alarm on and off
- To reset the water filter life indicator.1) Door Alarm Function

If the door alarm is set to On, an alarm beeps if any refrigerator door is left open for more than three minutes. The beeping stops when you close the door. The door alarm function is pre-set to On in the factory. You can turn it off by pressing and then releasing the Alarm button. You can turn it back on in the same fashion. The icon lights up when the function is on. When the Door Alarm function is on and the alarm sound is triggered, the Door Alarm Icon will blink while the alarm sounds.



2) Water Filter Life Indicator Function After you replace the water filter, touch and hold this button for 3 seconds to reset the water filter life indicator. When you reset the water filter life indicator, When Hiter icon on the panel turns Off. The Filter icon will turn red to let you know it is time to change the water filter after six months (about 300 gallons). Some areas have large amounts of lime in their water, which causes the water filter to clog more quickly. If this is the case in your area, you will have to change the filter more frequently than every six months.

#### (3) Energy Saver



Touching this button turns Energy Saver mode on and off. When you turn Energy Saver on, the Energy Saver icon lights. Turn Energy Saver off and the icon goes off. The Energy Saver function's factory setting is "ON". If condensation or water drops appear on the doors, turn the Energy Saver mode off.

#### (4) Fridge/ Power Cool (3sec)

The Fridge button serves two purposes:

- To set the Fridge to your desired temperature.
- To turn the Power Cool function on and off.
- To set the Fridge temperature, press the Fridge button. You can set the temperature between 44 °F (7 °C) and 34 °F (1 °C).



2) Power Cool function
Touch and hold this button for 3 seconds to decrease the time needed to cool products in the Refrigerator. It can be helpful if you need to quickly cool easily spoiled items or if the temperature in the fridge has warmed dramatically (for example, if the door was left open).

#### (5) Lighting/ °C ↔ °F (3sec)

The Lighting button serves two purposes:

- To turn the dispenser light on and off
- To switch the temperature units between °C and °F
- 1) Light Function

Touching the Lighting button turns on the Dispenser LED lamp in continuous mode so that it stays on continuously. The button also lights up. If you want the Dispenser lamp to come on only when some one uses the dispenser, press the Lighting button to turn the continuous mode off.



2) To switch the temperature units between °C and °F

Touch and hold this button for 3 seconds to select the temperature display you want.

Each time you press and hold the button, the °C and °F temperature modes alternate and the °C or °F icon lights up, indicating your selection.

## (6) Ice Maker Off/ Control Lock (3sec)

The Ice Maker Off button serves two purposes:

- To turn the Ice maker on and off
- To turn the Control Lock Function on and off.
- 1) Ice Off Function

If you don't want to make more ice, press the Ice Maker Off button.

 $\bigcap$ 

2) Control Lock Function Touch and hold this button for 3 seconds to lock the display, the Flex Zone panel, and the dispenser buttons so the buttons can not be used.

When Control Lock is on, the refrigerator does not dispense ice or water, even if the Dispenser Lever is pressed.

The Control Lock icon lights up to indicate you've activated the Control Lock function. Press 3 seconds to unlock.

#### (7) Water



Touch this button to dispense water. This mode can not be used with the Ice Type mode simultaneously.

Water mode shuts off when you touch the

### (8) Filter

#### Water filter usage

Cubed/Crushed Ice button.

This icon lights up when you need to change the filter, usually after the refrigerator has dispensed about 300 gallons of water (after about 6 months). The icon will blink red for several seconds when you open or close the door. After you install the new water filter, reset the filter indicator by touching and holding 3sec for Filter Reset button for 3 seconds.



- V
- If water is not dispensing or dispensing slowly, you need to replace the water filter because the water filter is clogged.
- Some areas have large amounts of lime in their water, which causes the water filter to clog more quickly.

#### (9) Ice Type



ed Crushed

Touch this button to select your desired ice type. Cubed and crushed ice modes alternate when you press the button. This mode can not be used with the Water mode simultaneously.

To save electricity, the Panel Display turns off automatically under the following conditions: When no button has been pressed, when no doors are open, or when no Dispenser Lever has been pushed. However, the icon indicating your cubed or crushed ice selection, will stay on. When you press a button, open a door, or push a Dispenser Lever, the Panel Display will turn on again. Except for the Energy Saver, Water, and Cubed/Crushed Ice buttons, all function buttons will become operational after you remove your finger from the button you are currently pressing.

#### ( 10 ) Ice Maker Off

If you don't want to make more ice, touch the Ice Maker Off button.

The icon will light up and the Ice-Maker stops making ice.



We recommend you stop ice making if the following occur:

- There is enough ice in the ice bucket.
- You want to save water and energy.
- Water is not being supplied to the refrigerator.





If the ice maker function is ON, and the water line is not connected, there will be a water valve noise from the back of the unit. If this occurs, press the Ice Maker Off (Control Lock(3sec)) button for less than 3 seconds until the Ice Off Indicator ( \( \frac{\sigma f}{\sigma f} \)) illuminates.

#### Cooling Off Mode









Cooling Off mode (also called Shop mode), is designed for use by retailers when they are displaying refrigerators on the shop floor.

In Cooling Off mode, the refrigerator's fan motor and lights work normally, but the compressors do not run, and the refrigerator and freezer do not get cold. To start Cooling Off mode, touch and hold the Freezer, Fridge and Alarm buttons for 5 seconds during normal operation. The refrigerator chime sounds and the temperature display flashes OFF. To cancel Cooling Off mode, touch and hold the Freezer, Fridge and Alarm buttons again for 5 seconds.

### **⚠ WARNING**

### CHANGING THE WATER FILTER

To reduce risk of water damage to your property DO NOT use generic brands of water filters in your SAMSUNG Refrigerator.



**USE ONLY SAMSUNG BRAND WATER FILTERS.** SAMSUNG
is not legally responsible for any
damage, including, but not limited
to, property damage caused by
water leakage from the use of a
generic water filter. SAMSUNG
Refrigerators are designed to work
ONLY WITH SAMSUNG Water
Filters.

The Filter light turns red to let you know when it is time to change your water filter cartridge.

To give you time to get a new filter, the red light comes on just before the capacity of the current

Changing the filter on time provides you with the freshest, cleanest water from your refrigerator.

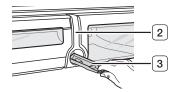
- 1. Shut off the water supply. Then, turn the water filter (1) about 1/4 turn, counter-clockwise.
- 2. Pull the water filter (1) from the case filter (2).





filter runs out.

- To change the water filter more easily, shut off the water supply valve.
- Sometimes, it is hard to disassemble the water filter because impurities in the water cause it to stick. If you are having difficulties, grip the water filter firmly and pull it hard.
- When you pull the water filter, a little water can leak from the opening. This is normal.
   To minimize the water leaks, keep the filter cartridge horizontal when you pull it.
- To prevent overflow, empty the water tray filter
   (3) and dry around of case filter (2).



3. Insert the new filter into the filter case (4).



 Push the filter, and then turn it clockwise until it locks.



 If you have trouble inserting the water filter because of high water pressure, shut off the water supply valve.



- The locked symbol should be lined up with the indicator line.
- 5. Touch and hold the "Alarm / hold 3 sec for Filter Reset" button ( (Filter Reset) ) for about 3 seconds to reset the water filter indicator. The indicator's red light will turn off.
- **6.** If you turned off the water supply, turn it back on.



For a replacement water filter, visit your local home Improvement center or visit Samsung's parts distributor on line at:

http://www.samsungparts.com

Be sure the replacement water filter has the SAMSUNG logo on the box and on the water filter.

### Removing any residual matter inside the water supply line after installing the water filter.

- **1.** Turn ON the main water supply and supply water from water supply line.
- Run water through the dispenser until the water runs clear (approx. 6 to 7 minutes). This will clean the water supply system and remove air from the lines.
- **3.** Additional flushing may be required in some households.
- **4.** Open the Refrigerator door and make sure there are no water leaks coming from the water filter.





Be sure to flush the dispenser thoroughly, otherwise water may drip from the dispenser.

This means that there is still air in the line.

#### **Reverse Osmosis Water Supply**

**IMPORTANT**: The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 35 and 120 psi (241 and 827 kPa). If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa.) If the water pressure to the reverse osmosis system is less than 40 to 60 psi (276 to 414 kPa):

- Check if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- 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.

If you have questions about your water pressure, call a licensed, qualified plumber.

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### CONTROLLING THE TEMPERATURE

### Basic temperature of Freezer and Refrigerator Compartments

The basic and recommended temperatures of the Freezer and Fridge compartments are 0 °F and 37 °F (or -18 °C and 3 °C) respectively. If the temperature of the Freezer and Fridge compartments are too high or low, adjust the temperature manually.

### Controlling the Freezer temperature



Recommend Temp (Freezer): 0 °F (or -18 °C)

The Freezer temperature can be set between -8 °F and 5 °F (or between -23 °C and -15 °C) to suit your particular needs. Press the Freezer button repeatedly until the desired temperature is shown in the temperature display. The temperature will change by 1 °F (or 1 °C) with each press. See below.

```
Fahrenheit: 0 \text{ °F} \rightarrow -1 \text{ °F} \rightarrow -2 \text{ °F} \rightarrow -3 \text{ °F} \rightarrow -4 \text{ °F} \rightarrow -5 \text{ °F} \rightarrow -6 \text{ °F} \rightarrow -7 \text{ °F} \rightarrow -8 \text{ °F} \rightarrow 5 \text{ °F} \rightarrow 4 \text{ °F} \rightarrow 3 \text{ °F} \rightarrow 2 \text{ °F} \rightarrow 1 \text{ °F} \rightarrow 0 \text{ °F}.
Centigrade: -18 \text{ °C} \rightarrow -19 \text{ °C} \rightarrow -20 \text{ °C} \rightarrow -21 \text{ °C} \rightarrow -22 \text{ °C} \rightarrow -23 \text{ °C} \rightarrow -15 \text{ °C} \rightarrow -22 \text{ °C} \rightarrow -23 \text{ °C} \rightarrow -15 \text{ °C} \rightarrow -22 \text{ °C} \rightarrow -23 \text{ °C} \rightarrow -15 \text{ °C} \rightarrow -23 \text{ °C} \rightarrow
```

Keep in mind that foods such as ice cream may melt at 4 °F (or -15.5 °C). The temperature display will move sequentially from -8 °F to 5 °F (or from -23 °C to -15 °C).

-16 °C → -17 °C → -18 °C.

### Controlling the fridge temperature



Recommend Temp (Fridge): 37 °F (or 3 °C)

The fridge temperature can be set between 34 °F and 44 °F (or between 1 °C and 7 °C) to suit your particular needs. Press the Fridge button repeatedly until the desired temperature is shown in the temperature display. The temperature will change by 1 °F (or 1 °C) with each press. See below.

Fahrenheit:  $37\ ^\circ\text{F} \to 36\ ^\circ\text{F} \to 35\ ^\circ\text{F} \to 34\ ^\circ\text{F} \to 44\ ^\circ\text{F} \to 43\ ^\circ\text{F} \to 42\ ^\circ\text{F} \to 41\ ^\circ\text{F} \to 40\ ^\circ\text{F} \to 39\ ^\circ\text{F} \to 38\ ^\circ\text{F} \to 37\ ^\circ\text{F}.$  Centigrade:  $3\ ^\circ\text{C} \to 2\ ^\circ\text{C} \to 1\ ^\circ\text{C} \to 7\ ^\circ\text{C} \to 6\ ^\circ\text{C} \to 5\ ^\circ\text{C} \to 4\ ^\circ\text{C} \to 3\ ^\circ\text{C}.$ 

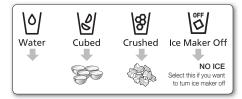
The temperature control process for the Fridge works just like the Freezer process. Press the Fridge button to set your desired temperature. After a few seconds, the Fridge will begin adjusting towards the newly set temperature. This will be reflected in the digital display.



- The temperature of the Freezer or Fridge may rise when you open the doors too frequently, or if a large amount of warm or hot food is placed inside.
- A rise in temperature may cause the digital display to blink. Once the Freezer and Fridge temperature return to their normal set temperatures, the blinking will stop.
- If the blinking continues, you may need to "reset" the Refrigerator. Try unplugging the appliance, wait for around 10 minutes and then plug the power cord back in.
- If there is a communication error between the Display and Main Controller, the Convertible Display light may blink. If the blinking continues for a long period of time, please contact a Samsung Electronics Service Center.

### USING THE ONE LEVER DISPENSER

Push the appropriate ice type button to select what you want dispensed.

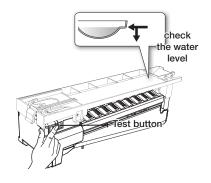


### Using the ice Dispenser

Place a glass underneath the ice dispenser and push gently against the dispenser lever with your glass. Make sure the glass is in line with the dispenser to prevent the ice from bouncing out.



- To select water, press the water button on the display, and then press the dispenser lever.
- To select Ice, press the ICE type button of your choice on the display, and then press the dispenser lever.
- If you have selected cubed ice, when you
  press the lever, the dispenser may dispense a
  small amount of crushed ice first.
- If ice doesn't come out, pull out the ice bucket and press the test button located on the right side of ice maker.



- Do not press the test button continuously when the tray is filled with ice or water. Water may overflow or ice may jam the bucket.
- When you press the Test button, you will hear the refrigerator chime (ding-dong). When the chime sounds, release the Test button.
- The chime sounds automatically again to let you know the ice maker is working well.
- Replace the ice bucket.

#### Ice Making

To fill the ice bucket to maximum capacity after installation, follow these steps:

- **1.** Allow your refrigerator to operate and cool down for 24 hours (or 1 full day).
- Waiting 24 hours will allow your ice maker to cool properly.
- 2. Dispense 4 to 6 ice cubes into the glass.
- **3.** After 8, and then 16 hours, dispense a full glass of ice.

### **A** CAUTION

- To clean the ice bin/bucket, wash with a mild detergent, rinse well, and dry thoroughly it. Do not use harsh or abrasive cleaners or solvents.
- When you select Cubed Ice after using the Crushed Ice mode, a small amount of residual crushed ice might be produced.

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#### If There is a Power Failure

If a power failure occurs, ice cubes may melt then freeze together when the power comes back on, causing the dispenser to be out of order.

To prevent this problem, after a power failure, pull out the ice bucket and discard the residual ice or water.

After you dump the ice from the ice bucket, you should press the dispenser lever once with the 'Water' or 'Ice Type' function ON. The ice maker will make new ice faster after you return the ice bucket to the refrigerator.







If you use all the ice at once, you must repeat Steps 2 and 3 on the previous page. However, only wait 8 hours before dispensing the first 4 to 6 ice cubes. This will replenish the ice cubes and ensure maximum ice production.

### USING THE ICE OFF FUNCTION

When you select the Ice Off mode, remove all ice cubes from the bucket. If you leave the ice cubes in the bucket, the ice cubes may clump together, making it difficult to remove them. To remove the ice bucket safely and avoid injury, hold the bottom of the bucket with one hand and the side of the bucket with the other. Then, lift up on the ice bucket, and pull it straight out. To put the ice bucket back in, push it firmly straight back.



If the ice bucket is not pushed firmly into place, ice in the bucket can melt.

If the bucket does not fit, turn the helix 90 degree (see the last illustration on the right, below) and try again.







### **⚠** CAUTION

- Use only the ice maker provided with the refrigerator. The water supply to this refrigerator must only be installed/connected by a suitably qualified person. Connect to a potable water supply only.
- To operate the ice maker properly, water pressure of 20 ~ 125 psi is required.

### Going on vacation...

If you are going on a long vacation or business trip and won't use the water or ice dispensers for a long time:

- Close the water valve. Otherwise, water leakage may occur.
- Remove all food and ice in the ice bucket.
- Unplug the refrigerator.
- Wipe excess moisture from inside and leave the doors open. Otherwise, odor and mold may develop.

### Ice Maker Do's and Don'ts

- Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket
- It may result in personal injury or material damage.
- Never put your finger or any other objects in the dispenser opening.
- It may cause injury.
- Do not try to disassemble the ice maker.
- Do not wash or spray the ice bucket with water while it is in the refrigerator. Remove it to clean it

#### **⚠** CAUTION

When you insert the Ice maker tray, be sure that the tray is well centered at the entrance. Otherwise, the tray may get stuck.

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### Water clouding phenomenon

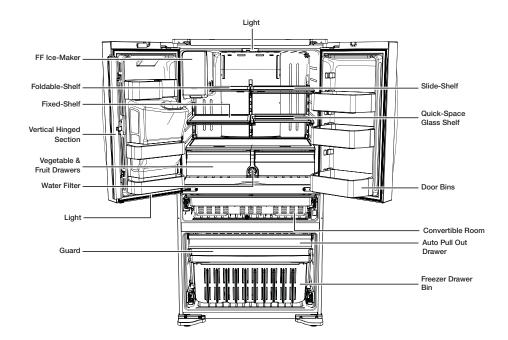


All water provided to the refrigerator flows through the core filter which is an alkaline water filter. In the filtering process, the pressure of the water that has flowed out of the filter is increased, and the water becomes saturated with oxygen and nitrogen. When this water flows out into the air, the pressure plummets and the oxygen and nitrogen get supersaturated, which results in gas bubbles. The water may temporarily look misty or cloudy due to these oxygen bubbles. After a few seconds, the water will look clear.

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### PARTS AND FEATURES

Review the illustration below to become more familiar with the parts and features of your refrigerator.





When closing the door, make sure the Vertical Hinged Section is in the correct position to avoid scratching the other door.

If the Vertical Hinged Section is reversed, put it back to the right position and close the door. Moisture may appear at times on the Vertical Hinged Section.

The door handle may become loose over time. If this happens, tighten the bolts found on the inside of the door.

If you close one door with too much force, the other door may open.



When the door opens, the interlock switch automatically turns off the auger motor in the ice maker for safety reasons.

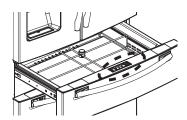


If the interior or exterior LED lamp has gone out, please contact Samsung Customer Support.

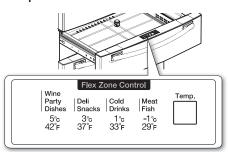
02

### **USING THE FLEX ZONE**

The Flex Zone is a full-width drawer with an adjustable temperature control. You can use the Flex Zone for large party trays, deli items, wines, pizzas, beverages, or miscellaneous items. There is a temperature sensor which lets you adjust the amount of cold air allowed into the Zone. The control buttons are located on the cap door center.



### **Temperature Selection Button**



- Press the Temp button repeatedly until your desired mode is lit.
- Each time you press the Temp button, you change the mode in this order: Meat/Fish mode (29 °F (-1 °C)), Cold Drinks mode (33 °F (1 °C)), Deli/Snack mode (37 °F (3 °C)), Wine/Party Dishes mode (42 °F (5 °C)). Initially, the Deli/Snacks mode is selected. The refrigerator will adjust the temperature in the Flex Zone automatically to the temperature you selected.
- The Flex Zone Temp. Display may change depending on the number of items inside, where they are located, the ambient temperature, and how often the door is opened.

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#### Flex Zone Modes

- When "Wine/Party Dishes" is selected, the temperature of the Flex Zone will be kept around 42 °F (5 °C). This feature helps keep food fresh for a long time.
- When "Deli/Snack" is selected, the temperature of the Flex Zone will be kept around 37 °F (3 °C). This feature helps keep food fresh for a longer time.
- 3. When "Cold Drink" is selected, the temperature of the Flex Zone will be kept around 33 °F (1 °C). This feature helps keep drinks cold and refreshing.
- 4. When "Meat/Fish" is selected, the temperature of the Flex Zone will be kept around 29 °F (-1 °C). This feature helps keep meat or fish fresh for a longer time.

Examples of food items you can store in the Flex Zone by temperature setting.

Wine Party Dishes		Cold Drinks	Meat Fish	
• wine	<ul> <li>pineapples</li> </ul>	<ul> <li>bottled water</li> </ul>	• steaks	
<ul> <li>cocktails</li> </ul>	<ul> <li>lemons</li> </ul>	• juice	<ul> <li>cold cuts</li> </ul>	
<ul> <li>cakes</li> </ul>	<ul> <li>biscuits</li> </ul>	<ul> <li>soft drinks</li> </ul>	• bacon	
<ul> <li>cheeses</li> </ul>	<ul> <li>potatoes</li> </ul>	• beer	<ul> <li>chili dogs</li> </ul>	



Fruit and vegetables may be damaged if stored under the "Meat Fish" setting. Do not store lettuce or other leafy produce in the Flex Zone.

### **⚠** CAUTION

Do not store glass bottles in the Flex Zone under the "Cold Drinks" or "Meat/Fish" setting. If they are frozen, they can break and cause personal injury.

### REMOVING THE REFRIGERATOR ACCESSORIES

#### 1. Door Bins

• Door Bins (1)

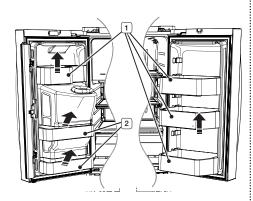
**To remove** - Simply lift the bin up and pull straight out.

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

• Door Bins (2)

**To remove** - Take the right side of the bin out by lifting it at an angle along the guide, and then take the left side out by pulling it from the door.

**To relocate** - Slide it into the original location and push down until it sticks.



Injuries can occur if the door bins are not firmly connected to the doors.

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

### **A** CAUTION

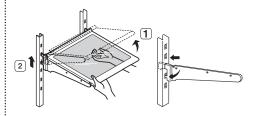
Do not adjust a bin full of food. Remove the food first.

To remove dust from the bins, remove the guard and wash in water.

### 2. Tempered Glass shelves

To remove - Tilt up the front of the shelf in the direction shown (  $\bf 1$  ) and lift it up vertically (  $\bf 2$  ). Pull the shelf out.

**To re-install** - Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height. Then lower the front of the shelf so that the hooks can drop into the slots.



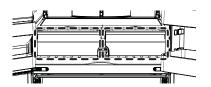
### **A** CAUTION

The Tempered Glass shelves are heavy. Use special care when removing them.

### **A** CAUTION

After sliding the foldable shelf in and folding it, the Shelf Front can be removed for your convenience. If you use the self without removing the Shelf Front, be aware the Shelf Front can separate from the shelf.

### 3. Vegetable & Fruit Drawers



#### To remove

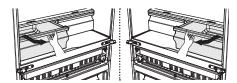
• Simply lift the bin up and pull straight out.



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 Tilt up the front of the drawer and pull straight towards you. Then, move the drawer slightly in the direction of the arrow in the illustration below, and then pull out.



### To re-install

- Insert the drawer into the frame rails and push back into place.
- Slide the bin in above the desired location and push down until it stops.

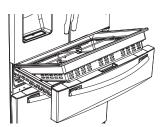
### **⚠** CAUTION

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

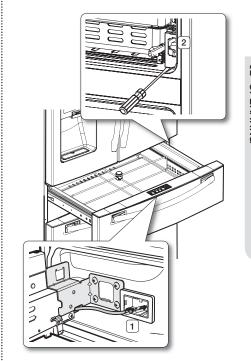
#### 4. Flex Zone

**To remove the Flex Zone** – Pull the Flex door out to full extension. Lift the Flex Zone up, pulling it to your body with both hands.

To re-install the Flex Zone – Open the Flex door to full extension. Tilt the front of the Flex Zone up, place the back of the Flex Zone onto the rails, and then lower the front until the whole Zone rests on the rails.



If the Flex Zone or LED lighting is not working, check the connectors [ (1), (2) shown below ] for cracks or leaks.



- 1. Refer to page 12 for disassembly instructions.
- 2. Open the cap cover rail with a flat-blade screwdriver.

### Using the doors

Ensure that the doors close all the way and are securely sealed.

When the refrigerator door is only partially open, it will automatically close. If the door is opened more than its auto close range, it will remain open. You must close it manually.

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### REMOVING THE FREEZER ACCESSORIES

### 1. Freezer Room Guard

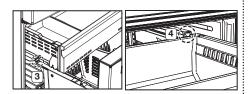
**To remove** - Remove the freezer room guard (**1**) by lifting the guard up.

**To re-install** - Push down until the guard (1) locks into place.



#### 2. Super Extended Drawer

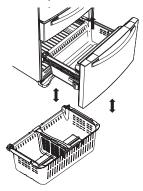
**To remove** - Pull the drawer out to full extension. Tilt up the rear of the drawer and lift straight out. **To re-install** - Place the drawer onto the rails (**4**) by tilting it up. Lower the drawer into place until it is horizontal and slide the Drawer (**3**) in.



### 3. Freezer Drawer

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

**To re-install the freezer drawer** - Place the bin into the rail assembly.



### **A** CAUTION

You can scratch the side of the bin if you twist it left or right when disassembling or re-assembling it

### **A** CAUTION

Do not allow babies or children to go inside the freezer drawer. 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 drawer.

### **A** CAUTION

Do not remove the divider.

### **⚠ WARNING**

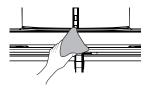
If trapped inside, children may be injured or suffocate to death.

### CLEANING THE REFRIGERATOR

Caring for your Samsung French Door Refrigerator prolongs its life and helps keep it free of odor and germs

#### 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.



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## 2 OPERATING

### Cleaning the Exterior

Wipe the control panel and digital display with a damp, clean, soft cloth. Do not spray water directly on the surface of the refrigerator. The doors, handles, and cabinet surfaces should be cleaned with a mild detergent and then wiped dry with a soft cloth. To keep your appliance looking its best, polish the exterior once or twice a



### **A** CAUTION

year.

Do not spray water directly on the refrigerator. Use a clean, damp cloth to clean.

### **A** CAUTION

Do not use benzene, thinner, or Clorox for cleaning. They may damage the surface of the appliance and may cause a fire.

#### **⚠** CAUTION

You can erase the printed letters on the display if you apply stainless cleaner directly to the area where the letters are printed.



### Cleaning the Ice / Water Dispenser

Push down one end of the tray dispenser and remove it. Wipe the Ice / Water Dispenser with a clean, soft cloth.

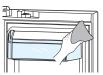
### **A** CAUTION

When using the crushed ice selection from the dispenser some residual ice chips may start to collect in the ice chute. To prevent that residual ice from melting and running out of the chute, you should clean out the residual ice when you see it start to collect in the ice chute.



### 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 dust or stains by cleaning the doors using a mild detergent and damp cloth. Wipe dry with a clean, soft cloth.



### **A** CAUTION

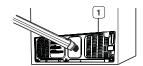
Do not clean the refrigerator with benzene, thinner, or car detergent. These substances could cause a fire

### Cleaning the rear side of the refrigerator

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

### **⚠** CAUTION

Do not remove the back cover ( 1 ). You could suffer an electric shock.



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### **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 indicat a products's peak freshness. Re-seal with cap or wrap tightly. Do not return unused portions to original container.	
Cream Cheese, cheese food, and cheese spread	2-4 Weeks	Not recommended		
Hard Cheese (unopened)	3-4 Months	6 Months	Check date code. Keep all cheese tightly packet	
Hard Cheese (opened)	2 Months	Not recommended	in moisture proof wrap	
Cottage Cheese	10-15 Days	Not recommended		
Cream	7-10 Days	2 Months	Check date code. Most yogurt, creams, and	
Sour Cream	2 Weeks	Not recommended	similar products are sold in date-coded cartons that indicate a product's peak freshness. Re-se	
Cream Dips (opened)	1 Week	Not recommended	or cover tightly. Do not return unused portions original container.	
Yogurt	10-14 Days	Not recommended	Charly data and a Kana asyarad	
Frozen Yogurt	na	2 Months	Check date code. Keep covered.	
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 Week	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		
Bananas	2-4 Days	Not recommended		
Peaches, Melons, Pears, Avocados	3-5 Days	Not recommended	If storing in refrigerator, do not wash fruit before	
Berries and Cherries	2-3 Days	12 Months	storing. Store in moisture resistant bags or	
Apricots	3-5 Days	Not recommended	containers. Wrap cut fruits. Some fruits darken when refrigerated.	
Grapes	2-5 Days	na		
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.	

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Foods	Refrigerator	Freezer	Storage Tips	
FISH AND SHELLFI	ISH			
Fish				
Fatty Fish (mack- erel, trout, salmon)	1-2 Days	2-3 Months	Keep in original wrapper and store in coldest part of refrigerator. Package in vapor-proof and moisture	
Lean Fish (cod, flounder, etc)	1-2 Days	6 Months	proof wrap for freezer. Freeze at 0°F(or -18°C). Thaw in refrigerator or check date code. Freeze in original	
Frozen or Breaded	na	3 Months	packaging.	
Shellfish				
Shrimp (uncooked)	1-2 Days	12 Months		
Crab	3-5 Days	10 Months	To freeze, package in vapor-proof and moisture-proof	
Cooked Fish or Shellfish	2-3 Days	3 Months	container.	
MEAT				
Fresh, Uncooked				
Chops	2-4 Days	6-12 Months		
Ground	1 Day	3-4 Months		
Roast	2-4 Days	6-12 Months	Check date code for use. Store in coldest part of	
Bacon	1-2 Weeks	1-2 Months	refrigerator in original packaging. Package in moisture proof and vapor-proof container for freezing. Recom-	
Sausage	1-2 Days	1-2 Months	mended refrigerator temperature 33°F to 36°F (or 1°C	
Steak	2-4 Days	6-9 Months	to 2°C) and freezer temperature 0°F to 2°F (or -18°C to -16°C)	
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	
Poultry	2-3 Days	4-5 Months	refrigerator in original packaging. Package in moisture	
Ham	1-2 weeks	1-2 Months	proof and vapor-proof container for freezing.	

#### Sources:

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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.

### Troubleshooting

PROBLEM	SOLUTION
The refrigerator does not work at all or it does not chill sufficiently.	Check if the power plug is properly connected. Check if the set temperature on the digital display is warmer than the freezer or fridge inner temperature. If it is, set the refrigerator colder.  Is the refrigerator in direct sunlight or located near a heat source? If so, it may not be able to cool sufficiently. Install it in a location that is out of direct sunlight and not near a heat source. Is the back of the refrigerator too close to the wall, preventing proper ventilation? If so, it may not be able to cool sufficiently. Keep it an appropriate distance from the wall.  Is there too much food inside so that the food is blocking the outlet vent? To keep the refrigerator at a suitable temperature, do not fill the refrigerator with too much food.
The food in the fridge is frozen.	Check if the set temperature on the digital display is too low. Try setting the refrigerator to a warmer temperature. Is the temperature in the room too low? Set the refrigerator warmer. Did you store the food which is juicy in the coldest part of the refrigerator? Try moving those items to the other shelves in the fridge instead of keeping them in the colder areas or bins.
You hear unusual noise or sounds.	Check if the refrigerator is level and stable. Is the back of the refrigerator too close to the wall, preventing proper ventilation? Try moving the back of the refrigerator at least 2 inches from the wall.  Was anything dropped behind or under the refrigerator? If you hear a "ticking" sound from inside the refrigerator, this is normal. It occurs because various parts contract or expand in response to temperature changes in the refrigerator interior.  If it sounds as if something is hitting something else inside the refrigerator, this is normal. The sound is caused by the compressor operating at high capacity.
The cabinet-door sealing area of the appliance is hot and condensation is occurring.	Some heat is normal as anti-condensators are installed in the vertical hinged section of the refrigerator to prevent condensation.     Is the refrigerator door ajar?     Condensation can occur when you leave the door open for a long time.
Ice Maker is not producing ice.	It may take longer to make ice if it is not sufficiently cool, such as when first installed.  Is the water line connected and the shut-off valve opened?  Did you manually stop the ice making function?  Check if the filter is properly installed. If it is not properly installed, the ice making function may not work.
You can hear water bubbling in the refrigerator.	This is normal.     The bubbling comes from refrigerant circulating through the refrigerator.
There is a bad smell in the refrigerator.	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.

PROBLEM	SOLUTION
Frost forms on the walls of the freezer.	Is the air vent blocked? Remove any obstructions so air can circulate freely.     Allow sufficient space between the stored foods for efficient air circulation.     Is the freezer drawer closed properly?
Water dispenser is not functioning.	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 fridge temperature is too low? Try selecting a warmer setting on the Digital display. Check if the filter is properly installed. If it is not properly installed, the water dispenser may not work
Auto close system does not work with the freezer door.	Is there an imbalance between the right and left parts of the door? Open and close the door smoothly 1~2 times. After you do this, the auto close system usually works properly again. Try opening the door smoothly to avoid unbalancing the right and the left part of the door.
Condensation or water drops forms on vertical mullion and surroundings, etc.	Condensation or water drops may form if the humidity is too high while the refrigerator is operating. If condensation or water drops appears on vertical mullion and surroundings, etc., turn the Energy Saver mode off after removing the condensation. (See the explanation of the Energy Saver button in "Using the Control Panel" on page 18.)

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### Warranty (USA)

#### WARRANTY ON SAMSUNG REFRIGERATOR

LIMITED WARRANTY TO ORIGINAL PURCHASER

This Samsung brand product, as supplied and distributed by Samsung Electronics America, Inc. (Samsung) and delivered new, in the original carton to the original consumer purchaser, is warranted by Samsung against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) year Parts and Labor on Refrigerator

Five (5) years Parts and Labor on sealed Refrigeration system only\*

Ten (10) years Parts and Five (5) years Labor on Digital Inverter Compressor

(\*Compressor, evaporator, condenser, drier, connecting tubing)

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact Samsung for problem determination and service procedures. Warranty service can only be performed by a Samsung authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to Samsung or Samsung authorized service center.

Samsung will repair or replace any part found to be defective, at our option and at no charge as stipulated herein, with new or reconditioned parts during the limited warranty period specified above. All replaced parts and products become the property of Samsung and must be returned to Samsung. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

In-home service will be provided during the warranty labor period subject to availability within the contiguous United States. In-home service is not available in all areas. To receive in-home service, the product must be unobstructed and accessible from floor level to service personnel. If during in-home service repair cannot be completed, it may be necessary to remove, repair and return the product. If in-home service is unavailable, Samsung may elect, at our option, to provide for transportation of our choice to and from a Samsung authorized service center. Otherwise, transportation to and from the Samsung authorized service center is the responsibility of the purchaser.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product, and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external plumbing and leaks, external wiring, circuit breakers, fuses or connectors not supplied and authorized by Samsung, or which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; loss of food due to spoilage; consumable items including filters and light.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AFTER THE EXPRESS WARRANTY PERIODS STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SAMSUNG. SAMSUNG SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT; IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. To obtain warranty service, please contact Samsung at:

### SAMSUNG CUSTOMER CARE CENTER

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

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### In case the need for servicing arises

Do not hesitate to call any Samsung Authorized Service Center nearby giving them your name, address and telephone number when your product is not functioning properly.

### Warranty Information (CANADA)

Limited Warranty for Original Purchaser

This Samsung product is warranted by Samsung Electronics Canada Inc. (hereafter referred to as SECA) against manufacturing defects in material or workmanship for the following periods:

Labor: 1 years (in-home)

Parts: 1 years

Inverter Compressor: 10 years (Part only)

SECA further warrants that if this product fails to operate properly within the specified warranty period and the failure is due to improper workmanship or defective material, SECA will repair or replace the product at its option. In-home service is not available in all areas. Contact us to find out if in-home service is currently available in your area by using the contact information at the back of this warranty.

All warranty repairs or part replacements must be performed by a SECA Authorized Service Center. (To find the nearest SECA Service Center, call 1-800-SAMSUNG (7267864) or visit our web site at www.samsung.com/ca)

#### Obligation to the Original Owner

The original dated sales receipt must be retained by the customer and is the only acceptable proof of purchase. It must be presented to a SECA Authorized Service Center at the time service is requested before warranty services are rendered. On all carry-in models, transportation to and from the Authorized Service Center is the responsibility of the customer.

#### **Exclusions of the Warranty**

This warranty does not cover damage due to accident, fire, flood, and/or other Acts of God, misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use, or damage that occurs during shipping. Customer adjustments which are explained in this owners manual are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in the Canada.

### SAMSUNG CUSTOMER CARE CENTER

Samsung Electronics Canada Inc. 2050 Derry Road West, Mississauga, Ontario L5N 0B9 Canada
1-800-SAMSUNG (726-7864)
www.samsung.com/ca/support (English)
www.samsung.com/ca\_fr/support (French)

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Scan the QR code\* or visit www.samsung.com/spsn to view our helpful How-to Videos and Live Shows

\* Requires reader to be installed on your smartphone

### 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	Subsidiaries office address
U.S.A	1-800-SAMSUNG (726-7864) 1-844-SAM-PAYS (726-7297)	www.samsung.com/us/support	Samsung Electronics America, Inc. 85 Challenger Road Ridgefield Park, NJ 07660
CANADA	1-800-SAMSUNG (726-7864) 1-844-SAM-PAYS (726-7297)	www.samsung.com/ca/support (English) www.samsung.com/ca_fr/support (French)	Samsung Electronics Canada Inc. 2050 Derry Road West, Mississauga, Ontario L5N 0B9 Canada

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