

# SIDE BY SIDE REFRIGERATOR

Write the model and serial number here:

Model #	
---------	--

Serial #

These numbers can be found on the label on the left side of the refrigerator's cabinet.

RM25\*\*\*\*

# **OWNER'S MANUAL AND INSTALLATION**

### **CONTENTS**

	WAYES SANAYES SANA
SAFETY WARNING SIGNS	2
OPERATING INSTRUCTIONS	
SETTING UP THE REFRIGERATOR	
MAJOR FEATURES	
CONTROL PANEL	
DIGITAL PANEL	
TEMPERATURE CONTROL	7
ICE AND COLD WATER DISPENSER	7
SHELVES AND BINS	
FOOD STORAGE GUIDE	
ARCTIC SELECT ZONE™ DRAWER GUIDE	
FRESH SELECT ZONE™ DRAWER GUIDE	
REMOVING THE FREEZER ACCESSORIES	
REMOVING THE FRIDGE ACCESSORIES	
REMOVING THE ARCTIC SELECT ZONE ACCESSORIES	
REMOVING THE FRESH SELECT ZONE ACCESSORIES	
CLEANING THE ACCESSORIESCHANGING THE INTERIOR LIGHT	
WATER FILTER	
DOORS	
INSTALLATION INSTRUCTIONS	
INSTALLATION OF THE REFRIGERATOR	
ADJUSTING THE HEIGHT BETWEEN THE DOORS	
REMOVING THE REFRIGERATOR DOORS	
REATTACHING THE REFRIGERATOR DOORS	
CHECKING THE WATER DISPENSER LINE	
INSTALLATION OF THE WATER DISPENSER LINE	
BEFORE YOU CALL FOR SERVICE	35
CONSUMER SUPPORT	2-
WADDANTY	

In the U.S., for questions about features, operation/performance, parts, accessories or service, call:

> 1-800-726-7864 (1-800-SAMSUNG) www.samsung.com

Register your product at www.samsung.com/global/register

# **SAFETY WARNING SIGNS**



- Before operating the appliance, please read and retain this manual thoroughly for your reference.
- Because the following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual.

**OTHER SIGNS USED** 

- The appliance is not intended for use by children or infirm persons without adult supervision.
- Children should be supervised to ensure that they do not play with the appliance.

### **CAUTION/WARNINGS USED**

### Represents something you must NOT do. Represents something you must NOT disassemble. Indicates that a danger of death or serious injury exists. (3) WARNING Represents something you must NOT touch. Represents something you must follow. Indicates that you must disconnect the Œ, power plug from the socket. Indicates that a risk of personal injury or material Represents that a ground is needed to prevent electric shock. damage exists. CAUTION It is recommended that this should be handled by a service center.

Because these warning signs are to prevent injury to from users or other persons, please follow safety warning signs. After reading the warning signs, keep them in a safe place for future reference.



### **WARNING SIGNS**



Do not plug several appliances into the same multiple receptacle.

• This could cause overheating and the risk of fire.

Make sure that the power plug is not squashed or damaged by the back of the refrigerator.

· A damaged power plug may overheat and cause fire.

Do not directly spray water inside or outside the refrigerator/ freezer.

• There is a risk of electric shock.

Do not use aerosols near the refrigerator.

• There is a risk of explosion or fire.

Do not bend the power cord excessively or place heavy articles on it.

This constitutes a fire hazard. If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.

Do not insert the power plug with wet hands.

· You may receive an electric shock.

Do not put a container filled with water on the refrigerator

• If spilled, there is a risk of fire or electric shock.

Do not install the refrigerator in a damp place or a place where it may come in contact with water.

 Deteriorated insulation of the electrical parts may cause electric shock or fire. Do not store volatile or flammable substances in the refrigerator.

 The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.



Do not disassemble or repair the refrigerator by yourself.

 You run the risk of causing a fire, malfunctions and/or personal injury.



Pull the power plug out of the socket before changing the refrigerator's interior light.

• Otherwise, there is a risk of electric shock.



If you wish to dispose of the refrigerator, throw it away by first removing the doors and seals.

• Do so in a way that it is not possible for a child to remain trapped inside.



The refrigerator must be grounded.

 You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.



Never use gas pipes, telephone lines or other potential lightening rods as ground.

 Improper use of the ground 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 ground plug and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be AC 115V~120V, 10A, or more. If a grounding adapter is used, make sure the receptacle box is fully grounded.

# **SAFETY WARNING SIGNS**



### **CAUTION SIGNS**



### 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 put bottles or glass containers in the freezer.

 When the contents freeze, the glass may break and cause personal injury.

# If the wall socket is loose, do not insert the power plug.

• There is a risk of electric shock or fire.



### Do not disconnect the power cord by pulling on it.

- Damage to the cord may cause a short-circuit, fire and/or electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or qualified service personnel.

### 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 store pharmaceutical products, scientific materials and temperature-sensitive products in the refrigerator.

 Products that require strict temperature controls must not be stored in the refrigerator.

Do not let children hang on the door because a serious injury may occur.

If you sense chemical odor or smoke, pull out the power plug immediately and contact your SAM-SUNG Electronics service center.

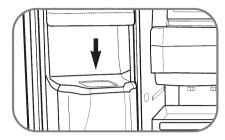


Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.

• It may cause frostbite.

Do not insert your hands into the bottom area under the appliance.

Any sharp edges may cause personal injury.





Never put fingers or other objects into the dispenser hole and ice chute. It may cause personal injury or material damage.

Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter or dust from the power plug pins.

- Otherwise there is a risk of causing a fire.
- If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.



# If the refrigerator is not to be used for a long period of time, pull out the power plug.

• Deterioration in the insulation may cause fire.



- The appliance is not intended for use by young children or infirm persons without supervision.
   Young children should be supervised to ensure that they do not play with the appliance.
- Do not place the equipment directly under the sunlight, etc.
- The appliance must be positioned so that the plug is accessible after installation.
- If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or a qualified service personnel.
- If you have a long vacation planned, empty the refrigerator and turn it off. Wipe excessmoisture from the inside and leave the doors open.
   Otherwise, odor and mold may develop.

# SETTING UP THE REFRIGERATOR

Once you have performed the following steps, your refrigerator should be fully operational. If not, check the power supply and electricity source. If you have any questions, contact your SAMSUNG Electronics service center.



Place the refrigerator in an appropriate location with reasonable clearance between the wall and the refrigerator. (refer to installation instructions in this mannal)



Set the temperature control to the coldest temperature and wait for an hour. The freezer should get slightly chilled and the motor should run smoothly.



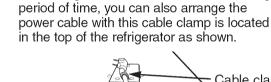
When the refrigerator is plugged in, the interior light should come on when you open the doors.



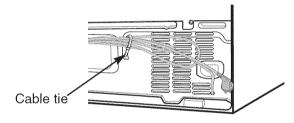
Once the refrigerator temperature is sufficiently low, you can store food in the refrigerator. After starting the refrigerator, it takes a few hours to reach the appropriate temperature.

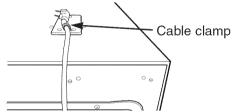


 You can arrange the Power cable with this Cable tie, after you plug in the refrigerator.

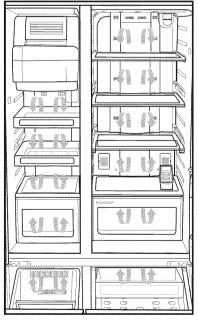


- If the refrigerator is not to be used for a long





# **MAJOR FEATURES**



TDM System (Time-Divided-Multi-Evaporator system)

• Each compartment has an evaporator. Also Microprocessors and a refrigerant-control-valve control the refrigeration cycle. The 4 evaporators enable improved efficiency and humidity in the fridge. Food odor from the refrigerator does not affect food in other compartments because the cooler and air flow systems are separate.

### Multi-Flow System

Cool air circulates through multiple vents on every shelf level. This provides even distribution of cooling inside cabinets to keep your food fresh longer.

### Door Alarm

• Beeper reminds you that the door is open.

### Xtra Fresh™

• Optimized humidity control keeps vegetables & fruits fresh.

### Arctic Select Zone™ Drawer

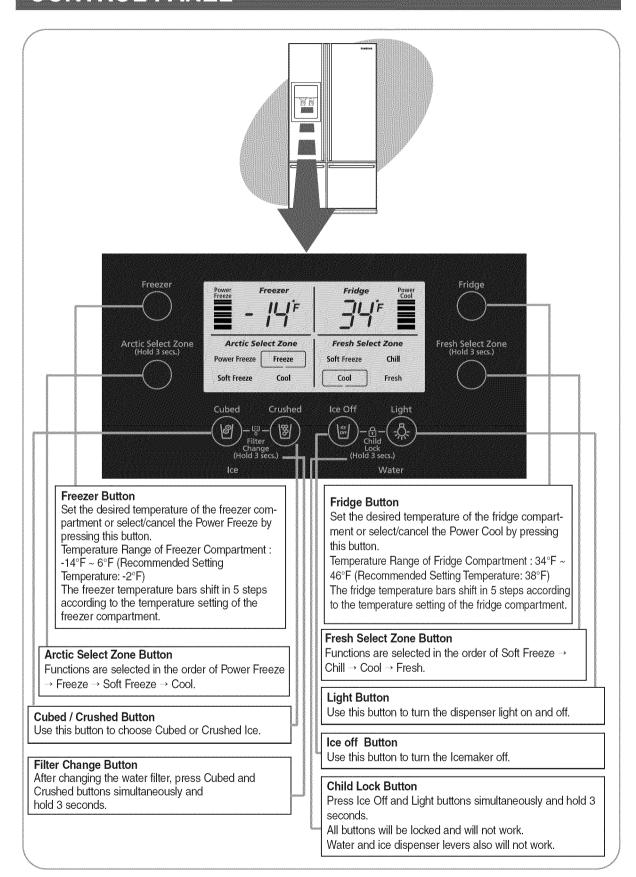
 Arctic Select Zone Drawer is convertible from freezer to refrigerator by TDM system. You can select Power Freeze, Freeze, Soft Freeze, or Cool according to foods.

### Fresh Select Zone™ Drawer

 You can select Soft Freeze, Chill, Cool or Fresh according to the food stored.

In Cool and Fresh, the humidity is controlled by TDM system.

# **CONTROL PANEL**



# **DIGITAL PANEL**



### Freezer

• The upper left part of display shows the Freezer compartment information.

The two digit number indicates the current freezer temperature.

There are 5 level bars that indicate the current freezer setting temperature from  $-14^{\circ}F \sim 6^{\circ}F$ . (5 bars is coldest setting) The "Power Freeze" indicator shows that the Power freeze function is working.

### Fridge

• The upper right part of display shows the Fresh Food compartment information. The two digit number indicates the current fridge temperature.

There are 5 level bars that indicate the current freezer setting temperature from 34°F ~ 46°F. (5 bars is coolest setting)

The "Power Cool" indicator shows that the Power Cool function is working.

### Arctic Select Zone

- The lower left part of display shows the lower left drawer compartment information.
  - "Power Freeze" speeds up the freezing process. It works for about two and half hours.
  - "Freeze" is the working freezing temperature, that is, the same temperature set with the Freezer button.
  - "Soft Freeze" keeps foods fresh at about 23°F.
  - "Cool" is working refrigerating temperature.

### Fresh Select Zone

- The lower right part of display shows the lower right drawer compartment information.
  - "Soft Freeze" keeps foods fresh at about 23°F.
  - "Chill" keeps foods fresh at about 30°F.
  - "Cool" is the working refrigerating temperature, that is, the same temperature set with the Fridge button.
  - "Fresh" keeps veggies and fruits fresh.

# TEMPERATURE CONTROL

### Freezer

- The freezer temperature can be set between -14°F and 6°F.
- Press the Freezer button repeatedly until the desired set temperature is shown in the temperature display.
- The temperature display changes in sequence between -14°F and 6°F. The next step to -14°F is "Power Freeze". When the display reaches "Power Freeze", it returns to 6°F.
- After five seconds, the display reverts to the actual freezer temperature, which changes as the freezer reaches the new temperature.

### Power Freeze

- If you select "Power Freeze" the inside temperature of the freezer will decrease for about two and a half hours.
- After "Power Freeze" operates, it returns to -2°F setting.

# VARNING

- When ice cream is stored above 4°F in freezer, it may melt.
- The temperature of the freezer or the fridge rises from frequent openings and from warm food.
   This may cause the digital display to blink. The digital display will stop blinking when the freezer and refrigerator return to the normal temperature.

Fridae

34°F and 46°F.

**Power Cool** 

# ICE and COLD WATER DISPENSER

### Ice Dispenser

The ice maker produces 8 cubes at once and about 120 cubes a day automatically. This quantity may be influenced by factors such as the freezer temperature, Power Freeze function and the number of door openings. When your refrigerator is plugged in, the Cubed ice mode is automatically selected.

# Press the Ice Type button to choose cubed ice, crushed ice or Ice off to stop making ice.

Cubed ice



Crushed ice



Ice off



### Water Dispenser

The capacity of the water tank is approximately 0.3 gal.

• The refrigerator temperature can be set between

• Press the Fridge button repeatedly until the desired

temperature is shown in the temperature display.

• The temperature display changes in sequence and

• If you select "Power Cool", the inside temperature of

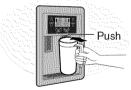
• After "Power Cool" operates, it returns to 38°F setting.

the fridge will decrease for about two and a half hours.

reverts in the same way as the freezer.

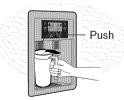
### **Cold Water**

- Push the water dispenser lever with a cup.
- If you have just installed the refrigerator, throw away the first six glassfuls of water to flush out impurities in the water supply system.



### Push the ice dispenser lever with a cup.

 Place a cup to the dispenser lever line to prevent the ice from dropping out.





Never put fingers or any other objects in the dispenser opening. It may cause injury.



If you have a long vacation or business trip and won't use the water or ice dispensers, close the water valve.

Otherwise, water leakage may occur.

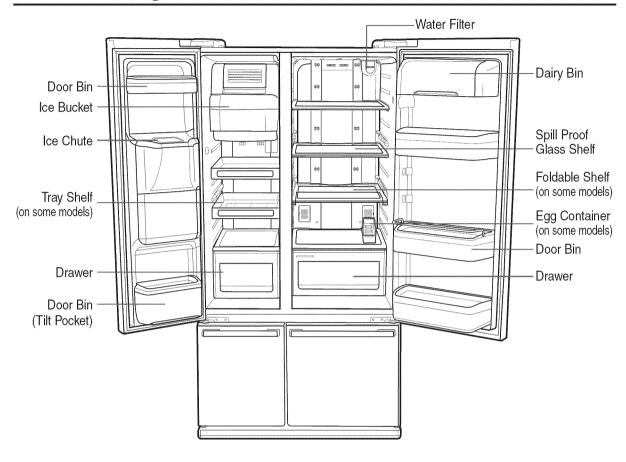
# CAUTION

### **Preparing for Vacation**

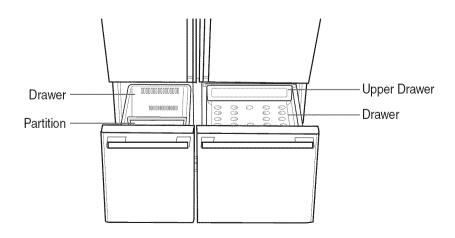
Set the type of ice to the ICE OFF position and shut off the water supply to the refrigerator.

# **SHELVES AND BINS**

# Freezer & Fridge



# Arctic Select Zone™ and Fresh Select Zone™



# **FOOD STORAGE GUIDE**



### FROZEN FOOD STORAGE IN FREEZER



Ice Chute



Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket, as this may result in personal injury or material damage.



### Door Bin (Tilt Pocket)

• Can be used for small packages of frozen food.



### Tray Shelf (on some models)

- Can be used to store all types of frozen food.
- This type of tray shelf makes it hard for food to fall over. It also slides out to easily reach stored food.



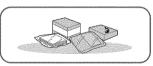
### **Tempered Glass Shelf**

• Can be used to store all types of frozen food.



### Drawer

 Can be used to store meat and dry foods. Stored food should be wrapped securely using foil or other suitable wrapping materials or containers.









# **FOOD STORAGE GUIDE**

### FRESH FOOD STORAGE IN FRIDGE



### **Tempered Spill Proof Glass Shelf**

- Can be used to store all types of chilled food.
- Safe and break resistant.
- Circular marks on the glass surface are a normal phenomenon.



### Egg Container (on some models)

• Put eggs in the container and place them on the shelf.



- Fruit & Vegetable Drawer
   Is used to store fruits and vegetables.
- This drawer is airtight. Optimized humidity control design helps to preserve the freshness of stored vegetables and fruits.



### **Dairy Compartment**

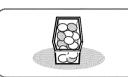
• Can be used to store butter or margarine.



### **Gallon Door Bins**

 Can be used to store foods in small packages, such as milk and yogurt.













Bottles should be stored tightly together so that they do not fall out.



- If you have a long vacation planned, empty the refrigerator and turn it off. Wipe excess moisture from the inside and leave the doors open. Otherwise, odor and mold may develop.
- If condensation may forms inside the refrigerator, simply wipe away the condensation with a dry cloth or towels.

# **Arctic Select Zone™ Drawer GUIDE**









### **Convertible Function**

- By pressing the "Arctic Select Zone" button, you can select the proper temperature function for your foods.
- It changes in sequence Power Freeze, Freeze, Soft Freeze and Cool.

### **Power Freeze**

- You can use "Power Freeze" function to freeze foods faster.
- Power Freeze works for about two and a half hours continuously, then returns to freezer setting temperature automatically after finishing.
  - Do not put bottles and glass containers in the freezer
  - Freezing speed may be influenced by many factors such as the size and weight of foods, the space of foods, the number times the door is opened, etc.
  - If it is selected "Cool", move the fresh food to fridge before the "Power Freeze" works, because of returning freezing temperature after finishing this function.

### Freeze

"Freeze" function keeps the freezer setting temperature.
 For example, if the Freezer is adjusted to -2°F, the Arctic Select Zone will be adjusted to the same temperature.

### Soft Freeze

- You can use the "Soft Freeze" function to help keep meat and fish fresh for longer than in the fridge.
- At 23°F, meat can be stored safely for longer, while remaining soft enough to be easily sliced.
  - Do not put bottles and glass containers in the Arctic Select Zone Drawer during "Soft Freeze", because the temperature is 23°F.

### Cool

- You can use "Cool" function to store more fresh foods.
- "Cool" temperature is about 38°F.
  - If "Freeze" or "Soft Freeze" is selected, move the frozen foods to the freezer before the "Cool" works,



### **Partition**

• Use to organize foods in the drawer.



### Drawer

• The drawer can be converted to store either fresh or frozen food.

# Fresh Select Zone™ Drawer GUIDE









### Fresh Function

- By pressing the "Fresh Select Zone" button, you can select proper temperature function for your foods.
- It changes in sequence Soft Freeze, Chill, Cool and Fresh.

### **Soft Freeze**

- You can use "Soft Freeze" function to help keeping meat and fish fresh for longer than the Fridge.
- At 23°F, meat can be stored safely for longer, while remaining soft enough to be easily sliced.
  - Do not put bottles and glass containers or foods that have a high water content in the Fresh Select Zone. Drawer, because the "Soft Freeze" temperature is 23°F.

### Chill

- You can use "Chill" function to help keep fresh at about 30°F.
- At 30°F, near the water Freezing temperature, foods can be stored safely for longer than the refrigerating temperature.
  - Do not put bottles and glass containers or foods that have a high water content in the drawer, because the "Chill" temperature is below 32°F.

### Cool

- "Cool" function keeps the fridge setting temperature.
  - For example, if the Fridge is set to 38°F, the Fresh Select Zone will be the same.
- Also in this function the humidity of this compartment is high by TDM system.
  - If you put foods that contain a lot of water without lids or wrapping paper, water droplets may form on the side wall, because of high humidity.

### Fresh

- You can use "Fresh" function to help keep vegetables and fruits fresher.
- "Fresh" temperature is about 39°F. The humidity is kept high to store veggies and fruits by the TDM system.



### **Upper Drawer**

• The humidity in the drawer is high when fresh food is stored in "Cool" or "Fresh" mode.



### Drawer

You can also store bottles in "Fresh" mode.
 The humidity in the drawer is kept high in "Cool" and "Fresh" mode.

# REMOVING THE FREEZER ACCESSORIES



### Tray Shelf (on some models)

• Pull the shelf out as far as it goes. Then lift it up and remove it.





### Ice Bucket

 Remove the bucket by lifting up and pulling out.





3

### Door Bin

Drawer

ing it up.

• Hold the door bin with both hands and then lift it up.

Remove the drawer by

pulling it out and slightly lift-





### Front Leg Cover

- · Remove two screws.
- Lift it up and pull the cover.
- To reattach the front leg cover, attach it closely to the refrigerator, then slide it down.







 Do not use excessive force when removing the cover. It may cause an

# REMOVING THE FRIDGE ACCESSORIES



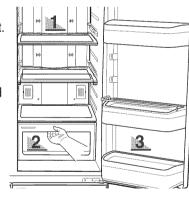
### Spill Proof Glass Shelf

• Pull the shelf out as far as it will go. Then lift it up and gently remove it.



### Vegetable & Fruit Drawer

• Remove the drawer by holding the handle, pulling the drawer out, and then lifting up the side of the drawer bottom smoothly with the other hand.





### **Gallon Door Bin**

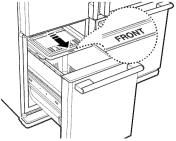
• Hold the bin with both hands and remove it by lifting it up.



Before removing the freezer and fridge accessories, please remove the food.

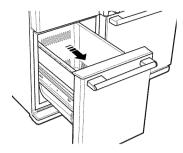
# REMOVING THE ARCTIC SELECT ZONE ACCESSORIES





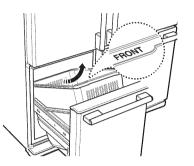
Open the Arctic Select Zone Door. Hold the front side of cover, and pull it out.





Open the door, and pull the Arctic Select Zone Door out to the end to take the basket out.





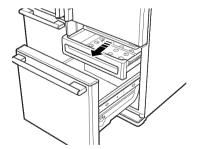
Lift the front side of basket first, and take it out carefully (using both hands).



• Empty the basket before taking it out.

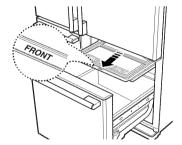
# REMOVING THE FRESH SELECT ZONE ACCESSORIES





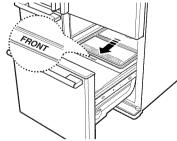
Open the Fresh Select Zone Door. Hold the front side of upper drawer, and pull it out.





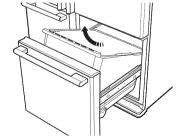
Pull the front side of upper cover out.





Pull the front side of cover out.





Lift the front side of basket first, and take it out carefully (using both hands).



• Empty the basket first before taking it out.

# **CLEANING THE ACCESSORIES**

### Interior

- Clean the accessories with a mild detergent, then wipe out with a dry cloth.
- After washing the accessories, make sure that they are dry before using them again.

### Exterior

- Wipe the digital panel and display panel with a clean cloth.
- The doors, handles and cabinet surfaces should be cleaned with a mild detergent and soft cloth, then wiped off with a dry cloth.
- Do not use Benzene, Thinner or Clorox™ for cleaning.
- Do not spray water directly on the surface of the refrigerator while cleaning.

### Rear

• Use a vacuum cleaner to remove dust once or twice a year.



• Do not remove cover, risk of shock.

### **WARNING**

### Ice and water dispenser

- Use a damp cloth to clean the ice and water dispenser. Then wipe it out with a dry cloth.
- To keep the drainage grid dry, do not touch the ice and water dispenser.

### Rubber door seals

• If the rubber door seals are dirty, the door will not close properly, and the refrigerator will not be able to function efficiently. Clean the doors with a mild detergent and damp cloth. Then wipe with a dry cloth.





- Do not spray the refrigerator with water while it is plugged in, as it may cause an electric shock.
- Do not clean it with benzene, thinner or car detergent. It may cause a fire.









# **CHANGING THE INTERIOR LIGHT**



Before changing the interior light, unplug the refrigerator from the power supply. If you have difficulty in changing the light, contact your service center.



Light bulbs may be hot.



# INTERIOR LIGHT IN THE FRIDGE

### Upper



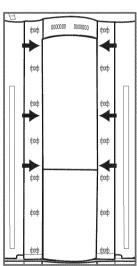
Push both sides of the upper lamp cover, marked → around the top of cold air duct, then pull out the air duct.



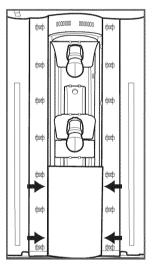
Push both sides of the bottom lamp cover, marked  $\rightarrow$  on the air duct, then pull out.

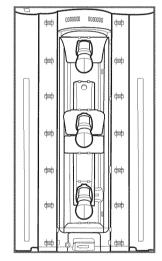


After changing the bulb, reattach the bottom light cover, then the upper light cover.









# **CHANGING THE INTERIOR LIGHT**



Before changing the interior light, unplug the refrigerator from the power supply. If you have difficulty in changing the light, contact your service center.



Light bulbs may be hot.



### INTERIOR LIGHT IN THE FREEZER

The freezer light is located in the bottom of the auger motor case.



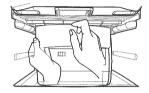
Push the center of the light cover's upper side, and then pull down the light cover.

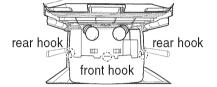


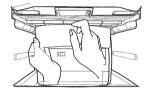
Change the bulb with a new one.



Reattach the light cover. First, align the rear hook of light cover to light case, and then push the front hook.









Replacement bulbs for both the freezer and fridge are at available retail outlets such as Wal-mart, The Home Depot and Lowe's.

Use replacement bulb size A15, maximum 40 watts.



### **INTERIOR LIGHT IN ARCTIC & FRESH SELECT ZONE**

The Arctic & Fresh Select Zone light is located in the bottom of partition in the refrigerator.



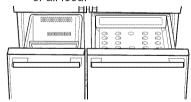
Open the door of the compartment where you want to replace the lamp, and empty it of all food.

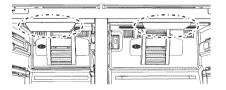


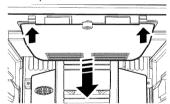
Check the lamp-cover attached to the lower part of Partition in the refrigerator.



Push the front side of the lamp cover inside refrigerator to separate the front hook. Push it down to separate.





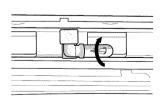




Replace the lamp with a new one.



Fit the rear hook of cover lamp into the groove first, and lift it to fit onto the front hook into the groove.







Replacement bulbs for both the Arctic & Fresh Select Zone are at available retail outlets such as Walmart. The Home Depot and Lowe's.

Use replacement bulb size E17, maximum 30watts.

# **WATER FILTER**

### The water "Filter Indicator" light

• "Filter Indicator" light lets you know when it is time to change your water filter cartridge. The light will change from green to orange. This tells you that it is almost time to change the current cartridge. It is recommended that you replace the cartridge when the light changes to red or every six months. (see "Install the water filter" section for more information)

### Using the dispenser without the water filter

• You cannot use the water and ice dispenser without a water filter cartridge.

### Ordering replacement filters

• To order more water filter cartridges, contact your authorized Samsung dealer.





Water Dispenser and Ice Maker will not function without Water Filter installed.

### DOORS

The refrigerator doors have a special door opening and closing feature to make sure that the doors close all the way and are securely sealed.

When opening the door, it will only open so far. After reaching a certain point, it will remain open.

When the door is partially open, it will close automatically.

# **INSTALLATION OF THE REFRIGERATOR**



### **Checking the Dimensions of your Entrance Door**

Check the dimensions of your entrance door to determine whether the refrigerator can pass through it.

Model			RM25****
Capacity (Cu. Ft)		Ft)	24.55
Width		Width	35 3/4"
Dimension (inch)  Case Height  Depth	Caco Hoight	without hinge	68 5/8"
	with hinge	70"	
	Devette	with handle	35 1/4"
	Deptn	without door	30 3/8"



### Selecting the Location for the Refrigerator

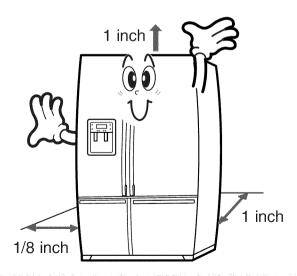
- Select a location with easy access to the water supply.
- Select a location with enough space for the refrigerator.
- Select a location without direct exposure to sunlight.
- Select a location with a level floor or close to it.



- Before disassembling the freezer door, the water supply line needs to be disconnected. (If not, the water supply line may be damaged.)
- See "Separating the water supply line from the refrigerator" on the next page.

### Allow sufficient space for air circulation of the internal cooling system.

• When the refrigerator does not have enough space, the internal cooling system may not work correctly.





- Allow clearance to the right, left, back and top when installing the refrigerator.
   This has the advantage of reducing power consumption.
- This has the advantage of reducing power consumption.

   Do not install the refrigerator where the temperature will go below 50°F (10°C).

# **INSTALLATION OF THE REFRIGERATOR**



### **LEVELLING**

If the front of the appliance is slightly higher than the rear, the door can be opened and closed easier.



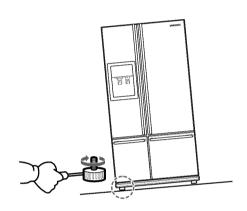
### The appliance tilts down to the left.

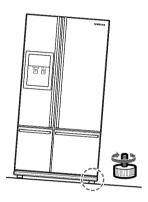
Turn the left adjusting leg in the direction of the arrow with a flat head screwdriver until the appliance is level.



### The appliance tilts down to the right.

Turn the right adjusting leg in the direction of the arrow with a flat head screwdriver until the appliance is level.





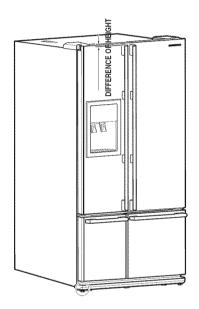
# ADJUSTING THE HEIGHT BETWEEN THE DOORS



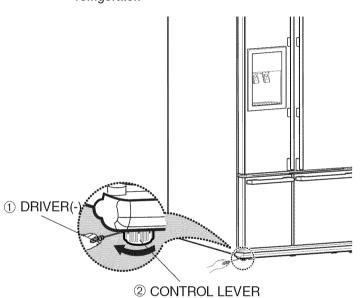
### Please level the refrigerator first

The doors will be uneven if the refrigerator is not level.

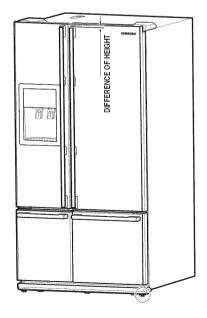
Case 1) Freezer door is lower than the refrigerator door.



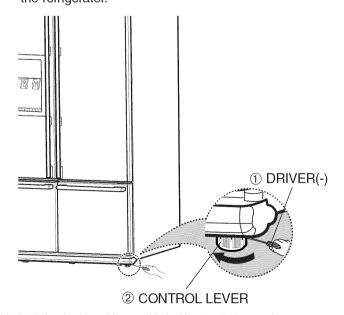
Insert a flat-blade screwdriver (-) (①) into a slot of the control lever (②), turn it clockwise and level the refrigerator.



Case 2) Freezer door is higher than the fridge door



Insert a flat-blade screwdriver (-) (1) into a slot of the control lever (2), turn it clockwise and level the refrigerator.





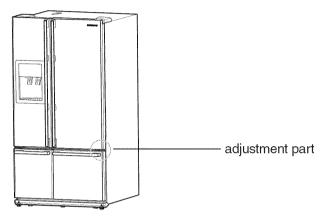
Do not make small adjustments with the control lever, Please refer to the next page.

# **ADJUSTING THE HEIGHT BETWEEN THE DOORS**

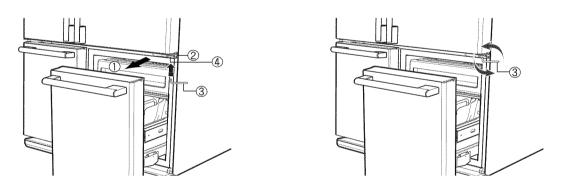


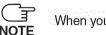
# Making small adjustments between doors.

If the door of fridge is lower than that of the freezer,



- 1) If you open the Fresh Select Zone Door (1), you can see the hinge-mid (2).
- 2) Insert enclosed hex wrench (3) into the shaft (4) of the hinge mid.
- 3) Please adjust the height difference between the doors turning the hex wrench (③) clockwise ( ) or counter clockwise ( ).

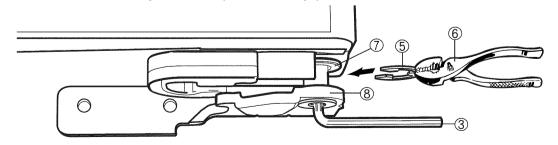




When you turn counter clockwise ( ), the door goes up.

4) After adjusting the doors, please insert enclosed fastener-ring (⑤) using a plier (⑥) in the gap between the hinge-grommet (⑦) and the hinge-mid (⑧).

The number of the fastener-ring to insert depends on the gap.

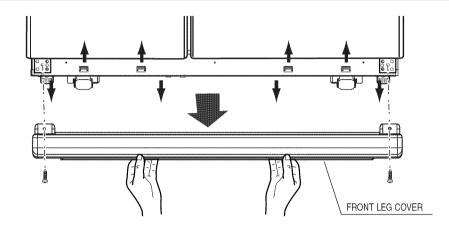


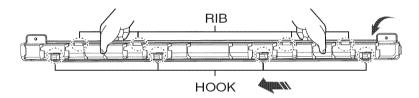


Four fastener-rings are enclosed with the refrigerator.



# **Removing the Front Leg Cover**





Unscrew two phillips screws from the front leg cover.

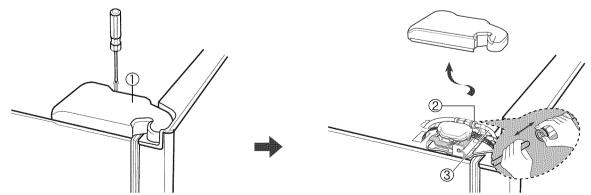
Pull the front leg-cover down with both hands and remove it by lifting it up with the upper rib. Then, disengage the lower hooks.



### **Removing the Freezer Door**



- Lift the door straight up.
- Be careful not to pinch the water tubing and wire harness on the door.
- · Place doors on a protected surface.
- 1) With the door closed,remove the upper hinge cover (①) using a screwdriver, and then remove the water tube by pressing the coupler-ring (②) and pulling the water tube (③) away.



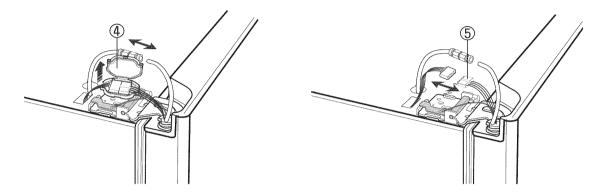


Do not cut the water tube. Separate it from the coupler.

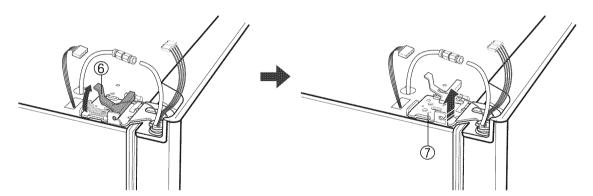


# **Removing the Freezer Door**

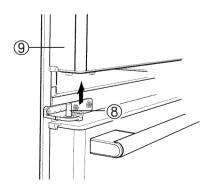
2) Disengage the hooks on the connector - cover (4) protecting the connector and open it. Push the lever-hook (5) on the connector and disconnect the wires.



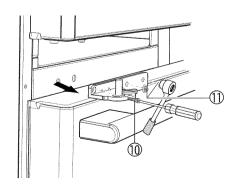
3) Pull and open the latch (6), and take off the door hinge (7) along the arrow. Be careful when removing the door to ensure that it does not fall on you.



4) Remove the door from the lower hinge(®)carefully lifting the door(⑨).



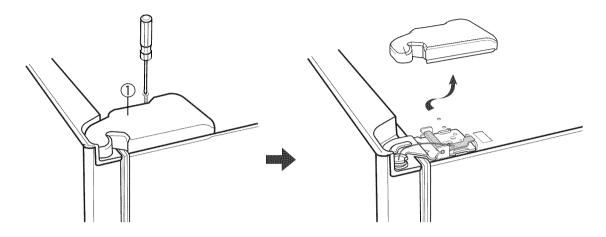
5) Remove the phillips screw(®) and two hex head screws (®) from the lower hinge



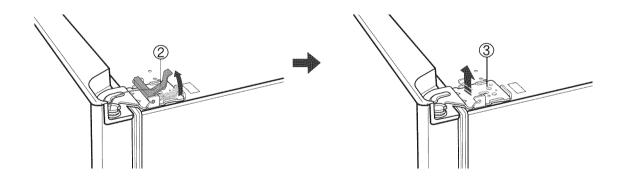


# **Removing the Fridge Door**

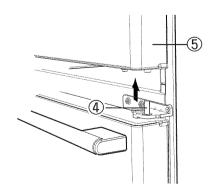
1) With the door closed, remove the upper hinge cover (1) using a screwdriver.



2) Pull and open the latch (2), and take off the door hinge (3) along the arrow.



3) Remove the door from the lower hinge (④) by lifting the door (⑤).



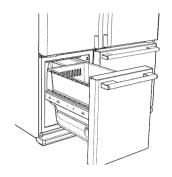
4) Remove the phillips screw (6) and two hex head screws (7) from the lower hinge.





# **How to Disassemble the Arctic Select Zone Door**

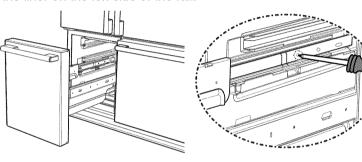
1) Open the Arctic Select Zone Door.



2) Take out the box in the Arctic Select Zone.

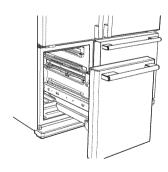


3) Remove the phillips screw holding it to the liner on the left side of the rail.

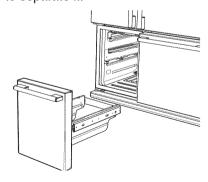


If you pull out the door completely, you will find the phillips screw which is located in the center of the rail on the liner.

4) Remove the phillips screw holding it to the liner on the right side of the rail.



5) Pull out the door carefully to the end to separate it.



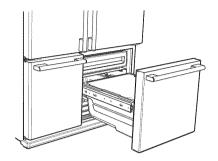


When you assemble the Arctic Select Zone Door, follow the contrary order.



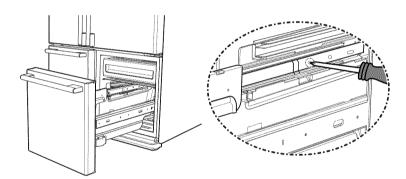
### How to Disassemble the Fresh Select Zone Door

1) Open the Fresh Select Zone Door.



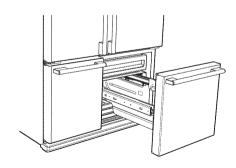
3) Remove the phillips screw holding it to the liner on the left side of the rail.



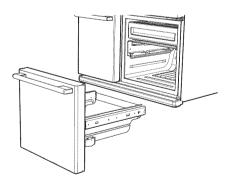


If you pull out the door completely, you will find the phillips screw which is located in the center of the rail on the liner.

4) Remove the phillips screw holding it to the liner on the right side of the rail.



5) Pull out the door carefully to the end to separate it.





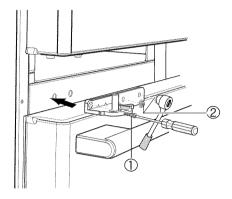
When you assemble the Fresh Select Zone Door, follow the contrary order.

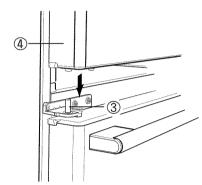
# **REATTACHING THE REFRIGERATOR DOORS**



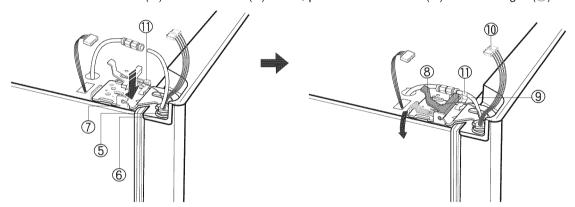
### **Reattaching the Freezer Door**

- 1) Reattach a phillips screw (①) and two hex head screws (②) to the hinge completely.
- 2) Place the hole in the bottom of the door (4) over the hinge (3).





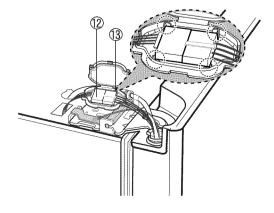
- 3) Insert the upper hinge shaft (⑤) into the hole (⑥). After levelling between the hinge brackets (⑦). Reattach and close the latch (⑧) along the arrow.
  - Connect the water tube (9) and the wires (0). Then, place the water tube(9) on the hanger (1)

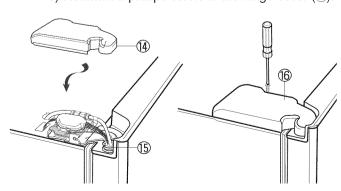




Be sure to insert the water tube and push to the end.

- 4) Put the connector (②) in the guide (③) of the connector-cover and close it.
- 5) Put the front part of the upper hinge cover (4) on the front part of the upper hinge (6) and reattach it from the front of the upper hinge cover first.
- 6) Reattach a phillips screw to the hinge cover (6).



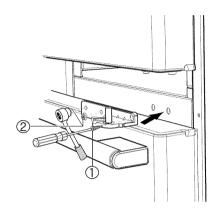


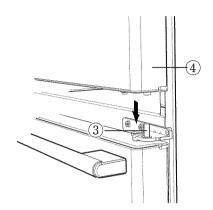
# **REATTACHING THE REFRIGERATOR DOORS**



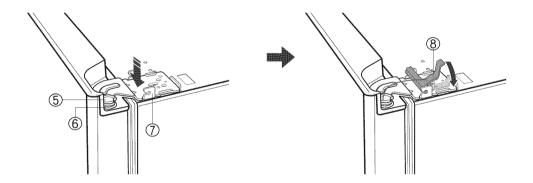
# **Reattaching the Fridge Door**

- 1) Reattach a phillips screw (①) and two hex head screws (②) to the hinge completely.
- 2) Place the hole in the bottom of the door (4) over the hinge (3).

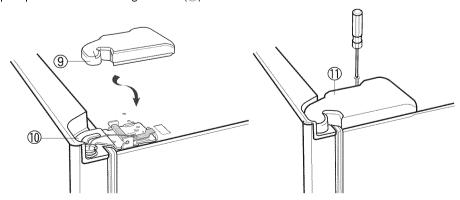




3) Insert the upper hinge shaft (⑤) into the hole (⑥). After levelling between the hinge brackets (⑦). Reattach and close the latch (⑧) along the arrow.



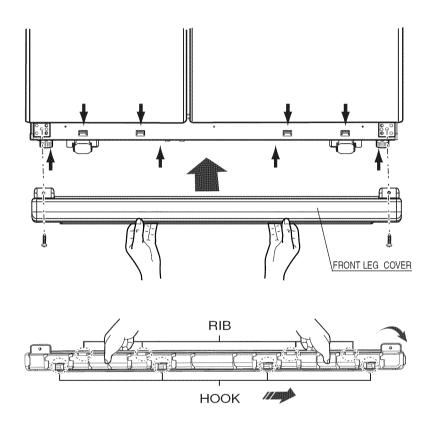
- 4) Put the front part of the upper hinge cover (⑨) on the front part of the upper hinge (⑩) and reattach it from the front part of the upper hinge cover first.
- 5) Reattach a phillips screw to the hinge cover (11).



# **REATTACHING THE REFRIGERATOR DOORS**



# Reattaching the Front Leg Cover



Hold the front leg-cover with both hands and insert it by sliding the hooks along the guide at the bottom.

Then, lift up the leg-front-cover a little bit and snap the upper ribs into the locking tabs. Tighten two phillips screws to the front leg cover.

# **CHECKING THE WATER DISPENSER LINE**

- 1) In order to operate the ice maker properly, water pressure of 20 ~125 psi (0.138~0.862Mpa) is required. In this range, a 6 oz paper cup can be filled in 10 secs.
- 2) The water filter removes particles. It does not sterilize or destroy any micro-organisms.
- 3) If the refrigerator is installed in an area with low water pressure (below 20psi), you should install a booster pump to compensate.
- 4) Ensure the water storage tank inside the refrigerator is properly filled initially. Push the water dispenser lever until the water runs from the outlet.



A universal water supply kit is available at extra cost from your dealer. The refrigerator manufacturer recommends using a water supply kit containing copper tubing.

# INSTALLATION OF THE WATER DISPENSER LINE



### Connect the water line to the refrigerator.

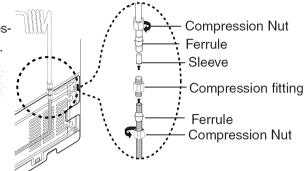
- 1) Slip the compression nut and plastic ferrule through the plastic tube.
- 2) After inserting the sleeve, tighten the compression nut onto 1/4" compression fitting(union).

Do not overtighten the compression nut.

- Slip the compression ferrule and nut on copper (or plastic) tubing as shown.
   Tighten the compression nut onto the compression fitting(union).
- 4) Turn water on and check for any leakage.

Water line must be connected to drinkable water only.

NOTE Cut off 1/4 inch squarely to prevent leaks when reconnecting.





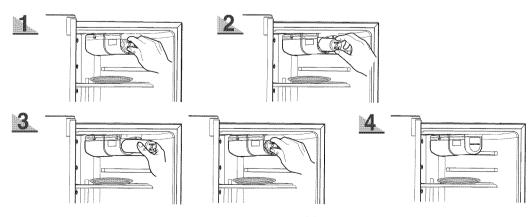
### Install the water filter.

- 1) As shown, open the cartridge cover by pulling and pushing up at the front
- NOTE The water filter cartridge is located at the upper right corner of the Fridge compartment.

  When the display in the control panel indicates "filter change", it is recommended that the filter cartridge be changed.
- 2) Remove the water filter from the box then position the arrow of the cartridge in line with the cartridge cover.
- Under the high water pressure, water may drip from the water filter's case.

  NOTE

  If you put the small tray beneath the filter cover hole, it will be helpul to clean the shelf.
- 3) Insert the filter as shown and Push until you hear a click.
- Be sure to align the filter cartridge hook and housing.
- 4) Close the filter cartridge cover.
- NOTE After changing the filter cartridge, throw away the first six glassfuls of water to flush out trapped air. Do not push and pull the water cartridge repeatedly, as water pressure will make the water spurt.

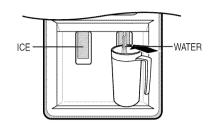


# INSTALLATION OF THE WATER DISPENSER LINE



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

- 1) Turn on the main water supply & shut-off the valve of the water supply line.
- 2) Run water through the dispenser until the water runs clear (6~7 minutes). This will clean the water supply system and clear air from the lines.
- 3) Additional flushing may be required in some households.
- 4) Open the fridge door and check if water leaks around the





• A newly-installed water filter cartridge may cause water to briefly spurt from the dispenser.



### Check the amount of water supplied to the ice tray.

1) **To remove**: Set the type of ice to the "Ice Off" position. Lift up (①) and pull out (②) the ice bucket in the freezer.

**To replace**: When replacing the drawer, be sure to press it firmly into place. If it does not go all the way back, remove it and rotate the drive mechanism 1/4 turn. Then push the drawer back again.

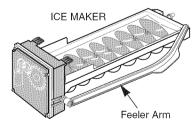


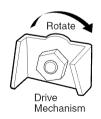
Be sure nothing interferes with the sweep of the feeler arm. When the bin fills to the level of the feeler arm, the icemaker will stop producing ice.

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.







# **INSTALLATION OF THE WATER DISPENSER LINE**

### 3) Important Facts About Your Dispenser:

Do not add ice from trays or bags to the storage bin. It may not crush or dispense well. Avoid overfilling glass with ice and use of narrow or extra-tall glasses. Backed-up ice can jam the chute or cause the door in the chute to freeze shut. If ice is blocking the chute, poke it through with a wooden spoon.

Beverages and foods should not be quick-chilled in the ice storage bin.

To keep dispensed ice from missing the glass, put the glass close to, but not touching, the dispenser opening.

Some crushed ice may be dispensed even though you selected CUBES. This happens occasionally when a few cubes accidentally get directed to the crusher.

After crushed ice is dispensed, some water may drip from the chute.

### 4) Water Supply to the Icemaker:

The icemaker must be connected to a cold water line.

### 5) Start the Icemaker:

Set the type of ice to the "Cubed Ice" or "Crushed Ice" position. The icemaker will not begin to operate until it reachs its operating of 10.4°F(-12°C) or below. It will then begin operation automatically if the type of ice is in the "Cubed Ice" or "Crushed Ice" position.



- If there is no water supply, turn off the icemaker to save energy.
- In lower water pressure conditions, the water valve may turn on up to 3 times to make sure enough water reaches the icemaker.

# BEFORE YOU CALL FOR SERVICE...

Problem	Possible Causes	What To Do
The refrigerator does not work sufficiently or at all	Disconnected power plug	• Check that the power plug is properly connected.
	• Is the temperature control on the display panel set to the correct temperature?	• Try setting it to a lower temperature.
	• Is the refrigerator in direct sunlight or located near a heat source?	Move the refrigerator to the proper location.
	• Is the back of the refrigerator too close to the wall?	
The food in the refrigerator is frozen	• Is the temperature control on the display panel set to the correct temperature?	• Try setting it to a warmer temperature.
	<ul> <li>• Is the temperature in the room too low?</li> <li>• Did you store the food with a high water content in the coldest part of the refrigerator.</li> </ul>	
Unusual noises or sounds are heard	ī	• Check that the floor is levelled and stable.
	• Is the back of the refrigerator too near to the wall?	• Move the refrigerator to the proper location.
	Was anything dropped behind or under the refrigerator?	Remove the foreign object.
	A "ticking" sound may be heard from inside the refrigerator. This is normal and occurs because various accessories contract or expand.	
The front corners and	Anti-condensators are installed in the front corners of the refrigerator to prevent con-	
sides of the cabinet are	densation.	
hot; condensation occurs	Condensation can occur when you leave the door open for a long time.	Normal state
Ice is not dispensed	• Did you stop the ice making function?	
ioo ia not diapenacu	• Is there any ice in the storage unit?	<ul><li>See the control panel.</li><li>See the ice container.</li></ul>
	• Is the water pipe connected and the shut-off valve open?	• See the recontainer. • See the valve.
	• Is the freezer temperature too warm?	See the varie.
	• Did you wait for 12 hours after installation of the water supply line before making ice?	Set the temperature lower.
You can hear water bubbling in the refrigerator	• The bubbling comes from the refrigerant circulating in the refrigerator and is normal.	Normal state
There is a bad smell in the refrigerator	Wrap strong smelling food so that it is airtight. Throw away any rotten food.	
Frost forms on the wall of the freezer		Allow sufficient space between stored food
	• Is the air vent blocked?	for efficient air circulation.
No water is supplied	<ul><li> Is the door closed properly?</li><li> Is the water pipe connected and the shut-off</li></ul>	
	valve open?	
	• Is the water supply pipe crushed?	
	• Is the water tank frozen because the refrig-	
	erator temperature is too low? Select a warmer setting on the display panel.	
Door/ drawer does not	Leveling legs need adjusting	See installation of the refrigerator
close by itself		see instantation of the terrigerator

# BEFORE YOU CALL FOR SERVICE...

Problem	Possible Causes	What To Do
Small or hollow cubes	Water filter clogged.	• Replace the filter cartridge with a new cartridge or with plug.
	Door left open.	Check to see if package is holding door open.
Slow ice cube freezing	Temperature control was not set cold enough.	See about the controls.
Orange glow in the freezer	Defrost heater is on.	• This is normal.
Cube dispenser does not work(on some models)	Icemaker turned off or water supply turned off.	Turn on icemaker or water supply.
	Ice cubes are frozen to ice- maker feeler arm.	• Remove cubes and move the feeler arm to the ON position
	Irregular ice clumps in storage container.	<ul> <li>Break up and discard remaining clumps.</li> <li>Freezer may be too warm. Adjust the freezer control to a colder setting, one position at a time, until clumps do not form.</li> </ul>
	Dispenser is LOCKED.	Press and hold the CHILD LOCK for 3 seconds.
Water has poor taste/odor (on some models)	Water dispenser has not been used for a long time.	Dispense water until all water in system is replenished.
Water in first glass is warm (on some models)	Normal when refrigerator is first installed.	• Wait 24 hours for the refrigerator to completely cool down.
	Water dispenser has not been used for a long time.	Dispense water until all water in system is replenished.
	Water system has been drained.	Allow several hours for replenished supply to chill.
Water dispenser does not work(on some models)	Water supply line turned off or not connected.	See Installing the water line.
	Water filter clogged.	• Replace filter cartridge or remove filter and install plug.
	Air may be trapped in the water system.	Press the dispenser arm for at least two minutes.
	Dispenser is LOCKED.	• Press and hold the CHILD LOCK pad for 3 seconds.
Water spurting from dispenser (on some models)	Newly-installed filter cartridge.	• Run water from the dispenser for 3 minutes (about one and a half gallons).
Water is not dispensed	Water in reservoir is frozen.	Call for service.
(on some models) but icemaker is working	Refrigerator control setting is too cold.	Set to a warmer setting.
	Ice cubes stuck in icemaker. (Green power light on icemaker blinking).	• Turn off the icemaker, remove cubes, and turn the icemaker back on.
Water on kitchen floor or on bottom of freezer	Drain in the bottom of the freezer clogged.	<ul><li>See Care and cleaning.</li><li>Check the filter lock.</li></ul>
	Cubes jammed in chute.	Poke ice through with a wooden spoon.
No water or ice cube production	Supply line or shutoff valve is clogged.	Call a plumber.
	Water filter clogged.	• Replace filter cartridge or remove filter and install plug.

### 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\*
(\*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's 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 bulbs.

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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

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