



DA68-01659F REV(0.1)





SAMSUNG



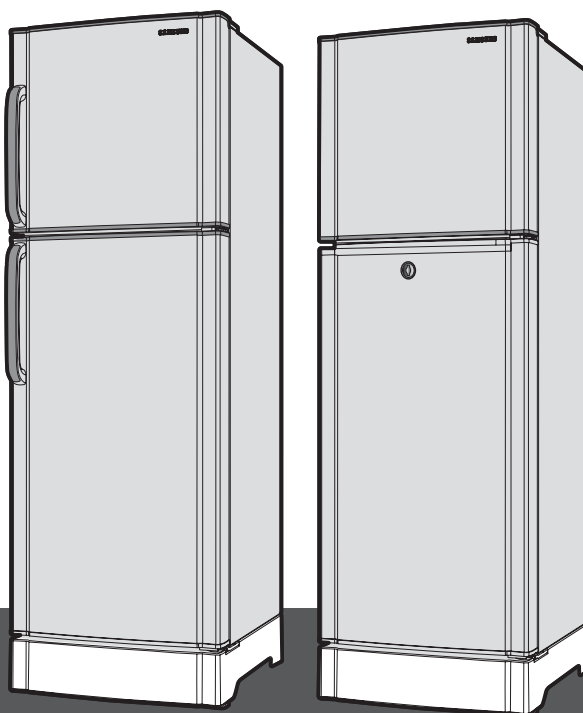
REFRIGERATOR

**RT22S
RT25S**

ENGLISH

OWNER'S INSTRUCTIONS

Before operating the unit, please read this manual thoroughly, and retain for future reference.



FEATURES



Big and Wide Door Bin.

- Increase storage area for keep several food.

Silver Nano Deodorizer.

- Powerful deodorizer through catalyst and filter.

Twist Ice Cube Tray.

- Easy to make and dispense ice.

Jumbo Storage Guard.


- Holds large bottles securely.

Easy Egg & Can carry.

- Store eggs and can in sliding tray.

Big Vegetable Box.

- Large space for vegetable.

SPECIFICATION 		
Model	RT24SCSW2	RT27SCSW2
Dimension (W×D×H)mm	545 x 607 x 1445	545 x 607 x 1545
Gross Capacity	198 liters	218 liters
Rated Voltage	220V~	220V~
Rated Frequency	50/60Hz	50/60Hz
Rated Input	130 W	130 W
Defrost Input	130 W	130 W
Climatic Class of The Appliance	T	T
Rated Maximum Input of Lamp	15W	15W
Refrigerant	HFC-134a (130g)	HFC-134a (130g)
Mass	45.7 kg	48.1 kg
Rated Shelf Area	0.461m ²	0.461m ²
Power Consumption	1.727kWh/24Hrs	1.847kWh/24Hrs
Percentage Running Time	56%	60.3%
Freezing Capacity	7.0Kg/24Hrs	6.9Kg/24Hrs
Quantity of ice making	3Kg/24Hrs	2.8Kg/24Hrs

Read Instructions.

: Please read all safety and operating precautions before operating this appliance.

Retain Instructions.

: Please keep this Owner's Manual for future reference.

Heed Warnings.

: All warnings, Cautions and Notes on this manual are important ; please pay attention to them.

Follow Instructions.

: For best results, follow all instructions given in this manual.

This manual is made on the basis of model
RT25S

Date of Purchase : _____

Model No. : _____

Serial No. : _____

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SAFETY INSTRUCTIONS

IMPORTANT SAFETY INFORMATION.

READ ALL INSTRUCTIONS BEFORE USING.



WARNING

- Use this appliance only for its intended purpose as described in this Owner's Instruction. We strongly recommend that any servicing be performed by a qualified individual.

SAFETY PRECAUTIONS

- When using electrical appliances, basic safety precautions should be followed, including the following:

CAUTION/WARNING SYMBOLS USED

 WARNING	Indicates that a danger of death or serious injury exists.
 CAUTION	Indicates that a risk of personal injury or material damage exists.

OTHER SYMBOLS USED

	Represents something you must NOT.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents a ground is needed to prevent electric shock.
	It is recommended that this symbol be handled by service man.

- This refrigerator must be properly installed and located in accordance with the Installation Instructions before it is used.
- ⊘ **Do not install the refrigerator in a damp place or a place where it may come in contact with water.**
 - Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not allow children to climb, stand or hang on the shelves or doors in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- ⊘ **The appliance is not intended for use by children or infirm persons without supervision. Children should be supervised to ensure that they do not play with the appliance.**
- ⊘ **If the refrigerator is not to be used for vacation or a long period of time, make refrigerator empty and unplug the power code.**
 - 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. Remove all frozen food if the power failure last more than 24 hours.
- Allow sufficient space to install the refrigerator on a flat surface.
If your refrigerator is not level, the internal cooling system may not work correctly.
Do not disassemble or repair the refrigerator by yourself. You may run the risk of causing a fire, malfunctions and/or personal injury.
The appliance must be positioned so that the plug is accessible after installation.

Do not place this refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliance.

If you smell pharmaceutical or smoke, unplug the power plug immediately and contact your Samsung Electronics service center.

R600a or R134a is used as a refrigerant. Check the Compressor label on the rear of the appliance and the rating label inside the fridge to see which refrigerant is used for your refrigerator.



The appliance with the symbol contains a small amount of isobutane refrigerant (R600a), a natural gas with high environmental compatibility as well as combustibility. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.

Refrigerant leakage out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and ventilate the room in which the appliance is located for several minutes.

- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used. The room must be 1m³ in size for every 8 g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

SAFETY INSTRUCTIONS



WARNING

DANGER! RISK OF CHILD ENTRAPMENT

- Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous...even if they will sit for “just a few days.”
Do so in a way, that it is not possible for a child to remain trapped inside.
- If you are getting rid of your old refrigerator, please follow the instructions below to help prevent accidents.
keep fingers out of the “pinch point” areas; Clearances between the doors and cabinet are necessarily small. Be careful while closing the doors when children are in the area.

PROPER DISPOSAL OF THE REFRIGERATOR

Before you throw away your old refrigerator or freezer

- When disposing of this or other refrigerators, remove the door/door seals, door latch so that small children or animals cannot get trapped inside.
- Leave the shelves in place so that children may not easily climb inside.
- R600a or R134a 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.
when this product contains flammable gas (Refrigerant R600a) contact your local authority in regard to safe disposal of this product.
- CycloPentane used as a insulation blowing gas.
The gases in the insulation material require special disposal procedure. Please dispose of the packaging material for this product in an environmentally friendly manner. Please contact your local authorities in regard to the environmentally safe disposal of this product. This product contains flammable insulation blowing gas.
- Please dispose of the packaging material for this product in on environmentally friendly.



CAUTIONS

- The refrigerant used in the refrigerator/freezer and the gases in the insulation material require special disposal procedures. Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.



WARNING

HOW TO CONNECT ELECTRICITY

- The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.
This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Never unplug your refrigerator by pulling the power cord. Always grip plug firmly and pull straight out from the outlet.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Do not insert the power cord with wet hands.
- Unplug the refrigerator before cleaning and making repairs.
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 fire.If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back.

SAFETY INSTRUCTIONS

- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.
Do not bend the power cord excessively or place heavy articles on it.
Have the power cord repaired or replaced immediately by the manufacturer or its service agent if the power cord has become frayed or damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- Unplug the appliance from the power supply before changing the interior light of the refrigerator.
Otherwise, there is a risk of electric shock.
If you experience difficulty when changing the light contact your service center.
In case of LED lamp, don't change the interior light of the refrigerator at your own risk, ask its service agent.
- If the wall socket is loose, do not insert the power plug.
There is a risk of electric shock or fire.
- The appliance must be located where the plug is easily accessible.

FOOD KEEPING & TREATMENT CAUTION

- ⊘ **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.
 - Bottle should be stored tightly together in the refrigerator so that they do not fall out.
- Do not spray inflammable gas near the refrigerator.**
 - There is a risk of explosion or fire.
- Do not directly spray water inside or outside the refrigerator.**
 - There is a risk of fire or electric shock.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.**
 - This may cause frostbite.
- Do not store volatile or flammable substances in the refrigerator.**
 - The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.
- Do not refreeze frozen foods that have thawed completely.**
- Do not store pharmaceuticals 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 put a container filled with water on the refrigerator.**
 - If spilled, there is a risk of fire or electric shock.
- This product is intended only for the storage of food in a domestic environment.**

INSTALLATION CAUTION

- ⊘ **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.

GROUNDING CAUTION

- ⚡ **The refrigerator must be grounded.**
 - You must ground the refrigerator to prevent any power leakage or electric shocks caused by current leakage from the refrigerator.
- Never use gas pipes, telephone lines or other potential lightning rods as ground.**
 - Improper use of the ground plug can result in electric shock.



WARNING

- Keep ventilation openings in the appliance enclosure or mounting structure clear of obstruction.
- 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 place or use electrical appliances inside the refrigerator/ freezer, unless they are of a type recommended by the manufacturer.

SAFETY INSTRUCTIONS

CLEANING CAUTION



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. It may cause personal injury or material damage

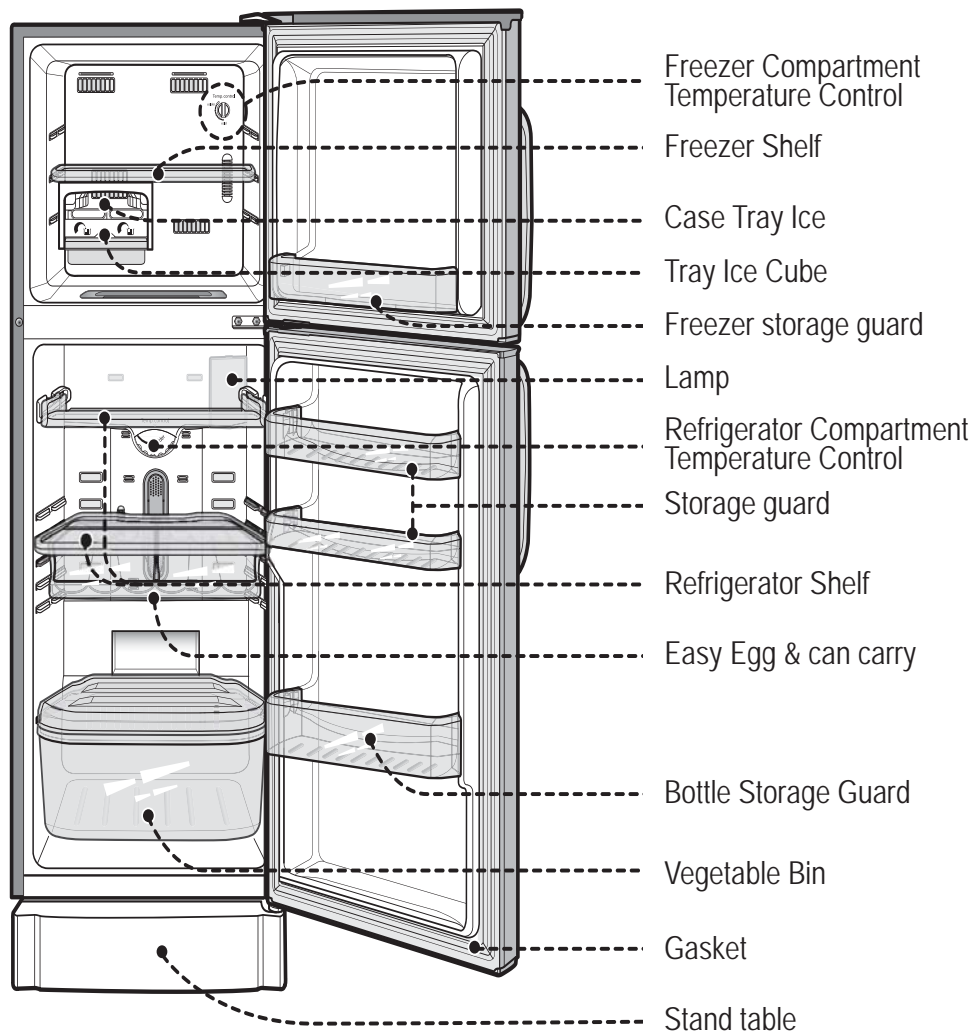
Do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power cord pins.

- Otherwise there is a risk of fire.

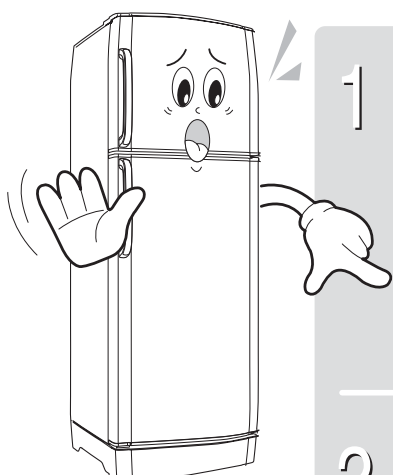
Before operating the appliance, please read this manual thoroughly and retain it for your reference.

Remark : This refrigerator use CycloPentane as insulation blowing gas.

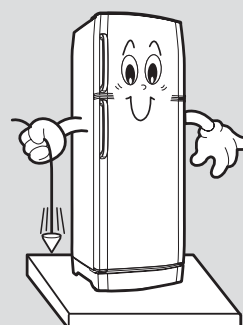
PARTS



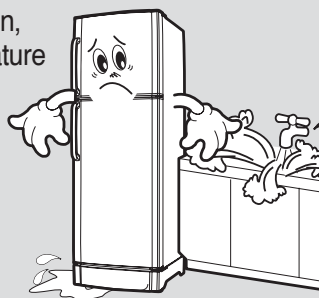
INSTALLATION



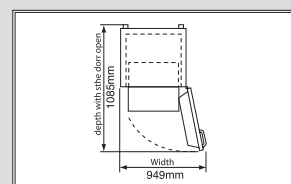
- 1 Install this refrigerator on a firm, flat surface.



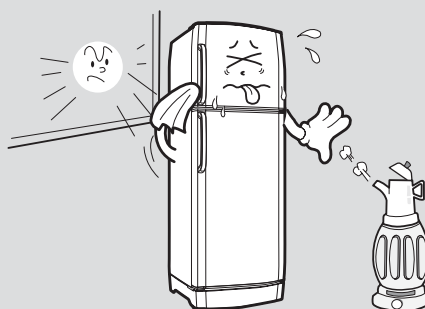
- 2 For optimum operation, normal room temperature is recommended. Avoid locations affected by draughts or dampness.



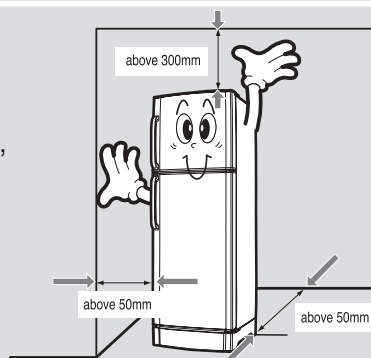
- 3 Allow the enough space for opening drawers. Drawers can be easily opened with this condition.



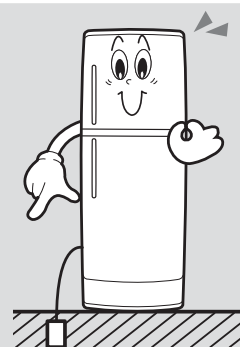
- 4 For optimum operation, normal room temperature is recommended. Avoid locations in direct sunlight, near heaters, radiators, stoves or ovens.



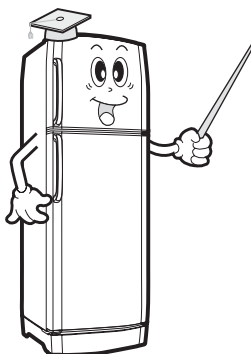
- 5 Allow 50mm space between the refrigerator and the wall. If your refrigerator is placed in a recessed area, allow at least 300mm clearance above the refrigerator.



- 6 For personal safety, properly ground this appliance. Never use gas pipes, telephone lines or other potential lightening rods as ground.



LEVELING THE APPLIANCE



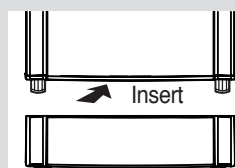
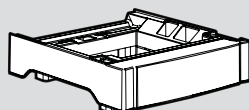
To compensate for any floor unevenness, adjust the height of the appliance by turning the adjustable foot clockwise or counterclockwise. The adjustable foot is at the front along the lower edge of the refrigerator chassis.

- When the refrigerator leans to the left, turn the left front foot counterclockwise.
- When the refrigerator leans to the right, turn the left front foot clockwise.



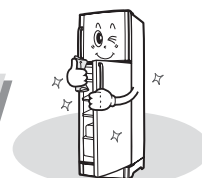
Standtable

NOTE : Standtable is used as base of refrigerator in Thailand and some countries. If the Standtable is used, the leg cannot be adjustable. (Standtable is applied by model)

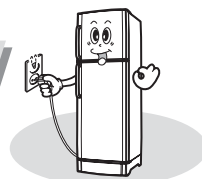


Before using

- 1 Wipe the appliance inside and outside using a cloth dampened with warm water and a small amount of detergent.



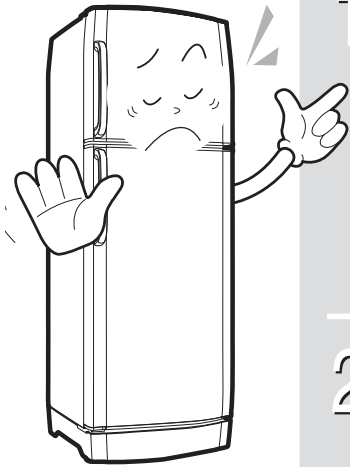
- 2 Before plugging in for the first time, allow the refrigerator to stabilize for at least one hour. Allow the freezer compartment to cool for 2 to 3 hours before storing food.



WARNING

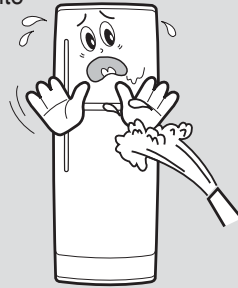
- Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not place or use electrical appliance inside the refrigerator/freezer, unless they are of a type recommended by the manufacturer.
- When disposing the refrigerators; should be followed the disposal law of your country.

CAUTIONS WHILE USING



1

- Do not allow water to splash onto the back of the refrigerator.
- Water impairs the insulation of electric parts and may cause an electrical short or a shock hazard.



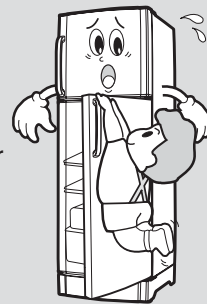
2

- Do not use flammable sprays such as lacquer and paint near the refrigerator.
- Heat from the refrigeration unit may ignite flammable aerosols.

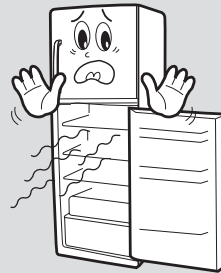


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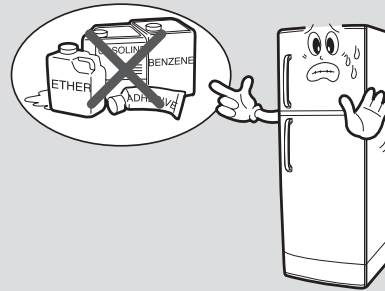
- Do not allow unattended children to play in or around refrigerators and other large appliances. Children may get hurt or they could damage the appliance.
- To avoid damage to the refrigerator or injury to the children, do not allow children to hang on the refrigerator door.



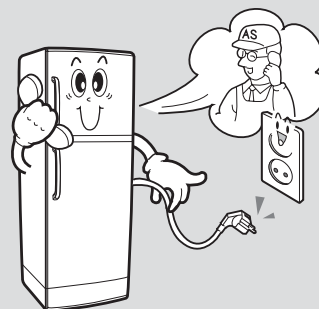
- 4
- For optimum operation, do not leave the door open for any longer than necessary.
 - Leaving the door open allows warmer air to enter the refrigerator and causes the refrigeration unit to use more energy to maintain the cool temperature.



- 5
- Do not store volatile chemicals such as ether and benzene in the refrigerator.
 - The fumes, besides damaging food, can build up and cause an explosion.



- 6
- Do not use the refrigerator if it is not operating correctly or has been damaged. Disconnect it from the power supply and call your local service center.
 - If the power cord is damaged, avoid a hazard by replacing it through the manufacturer or its service agent or a similarly qualified person.



CAUTIONS WHILE USING



Do not place carbonated or fizzy drinks in the freezer compartment



- Manufacturer's recommended storage times should be adhered to. Refer to relevant instructions.
- The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed.
- Do not store food which goes bad easily at low temperature, such as bananas.
- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rising during the defrost can comply with ISO requirement, But If you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food in several layers of newspaper.

NOTE : Any increase in temperature of frozen food during defrosting can shorten its storage life.

STORING FOOD IN THE REFRIGERATOR OR FREEZER

FRONT

SIDE

Load Name	Dimensions (W*D*H)	Mass(g)	Quantities (Freezer Compartment)	Total (kg)
Test Package	200*100*50	1000	13(13kg)	23.13
	200*100*25	500	1(0.5kg)	
	100*100*50	500	8(4kg)	
	100*50*25	125	13(1.625kg)	
F-M Package	100*100*50	500	8(4kg)	1.5
R-M Package	100*100*50	500	3	

Note

- To get more space, you can store food with tray ice removed since it does not affect thermal and mechanical characteristics. A declared storage volume of frozen food storage compartment in calculated with those drawers removed.

HOW TO USE

Temperature control(Semi Electric Model)

COLDER

Turn the Temperature Control to "COLDER" if you :

- Have a lot of food to store (refrigerator or freezer)
- Want to make ice quickly(freezer)
- Require fast freezing(freezer)

Between COLD and COLDER

Turn the Temperature Control to the midway point between "COLDER" and "COLD" for normal refrigerating or freezing mode.

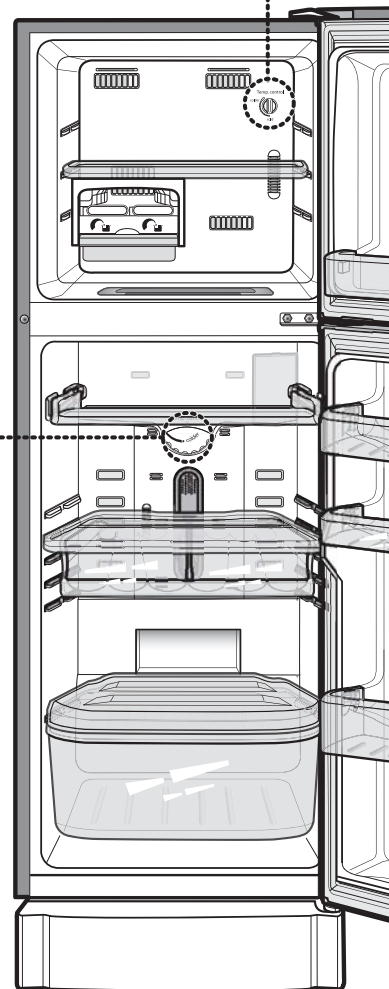
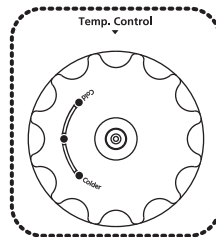
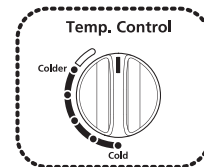
COLD

Turn the Temperature Control to "COLD" if you want to store only a small amount of food in the refrigerator or freezer.

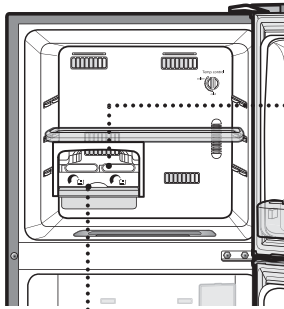


NOTE

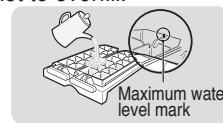
: When the room air surrounding the refrigerator is below 5°C, turn the Temperature Control to "COLD" to avoid freezing. In the case of vacation for a long period consider emptying the refrigerator of food & disconnecting from the power to conserve power usage.



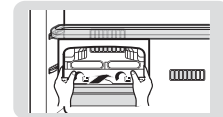
Making ice cubes



- 1 Fill the ice cube tray with water. Be careful not to overfill.

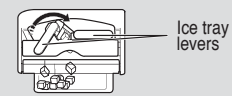


- 2 Slide the tray onto the cube shelf.



Removing Ice cubes

Remove the ice cubes from the ice cube tray by twisting the ice tray lever. Make sure the ice storage bin is beneath the ice cube tray (see diagram below)

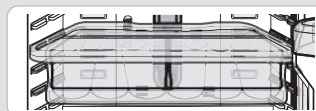


Egg & can carry



This compartment helps the eggs and cans deposit conveniently. Eggs or cans slide down one by one.

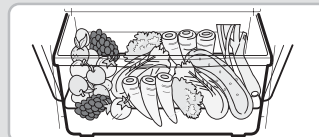
CAUTION : Don't put eggs on top of each other, they can get broken.



Vegetable Bin

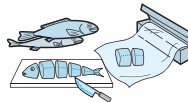


This compartment maintains the moisture and freshness of vegetables. The vegetable bin is enclosed to protect the vegetables from direct draughts of cold air and to help maintain the humidity which prevents drying.

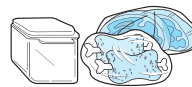


Storing food

Store food in small portions.



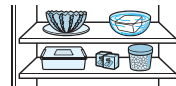
Seal food in containers with lids, in plastic wrap or in plastic bags to prevent drying and the mingling of odors.



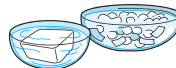
Allow hot food and drinks to cool to room temperature before placing them in the refrigerator or freezer.



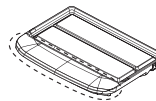
Allow sufficient room between food to help the circulation of cool air.



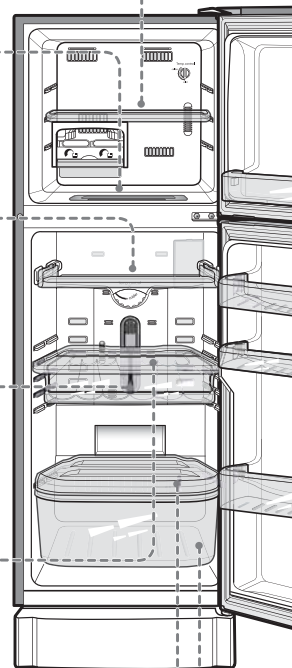
Place liquid at the front of the refrigerator to avoid freezing.



Avoid placing food at the front of cover vegetable bin, because the door can not close and food should be damage.



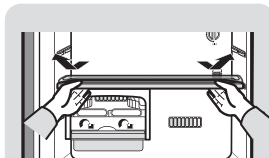
Dry fruits and vegetables after washing before placing them in the refrigerator.



REMOVING ACCESSORIES

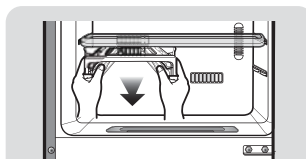
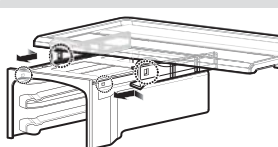
Freezer Shelf

- Pull the ice cube tray unit forward.
- Lift the front of the freezer shelf upward to release the hooks and pull the shelf out of the freezer.



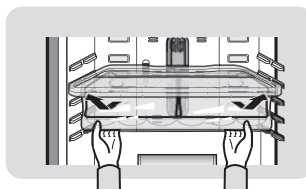
Tray ice

- Pull the ice maker toward you.



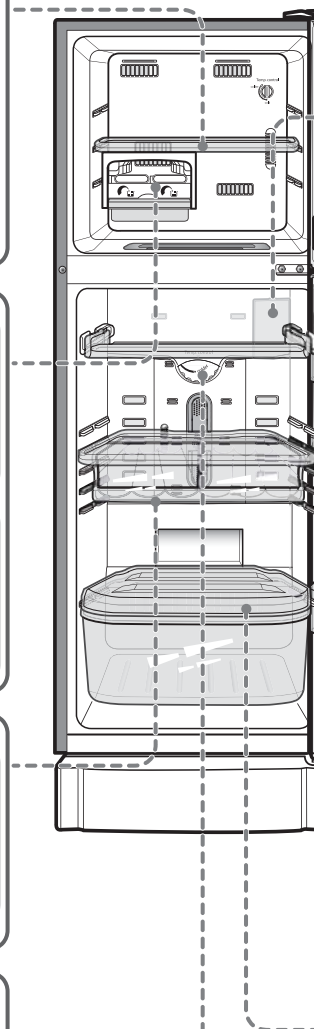
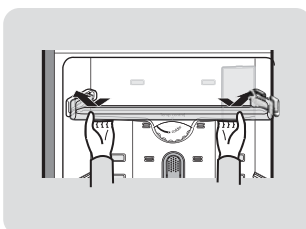
Egg and can carry

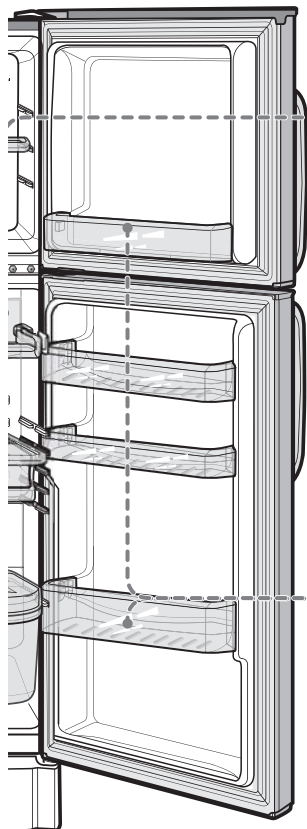
- Pull the Egg and can carry toward you until it meets the stopper.
- Tilt the front of the "Egg and can carry" and continue pulling the Egg and can carry.



Refrigerator Shelf

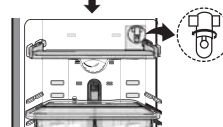
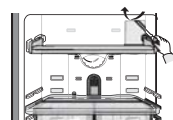
- Pull the shelf towards you until it meets the stopper.
- Tilt the front of the shelf up and continue pulling the shelf out.



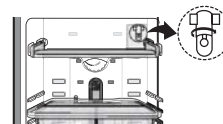


Replacing the lamp

- Unplug the appliance during this procedure.
- Press upper tab of the lamp cover with a \ominus driver and remove it. Remove the existing lamp and replace it with new one. Use only the correct wattage lamp.
- Replace the lamp cover by aligning the cover at the top and carefully pressing it into place until it is secure.



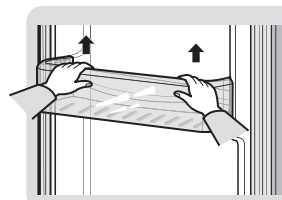
Loosen



Fasten

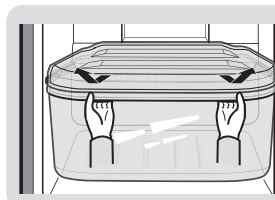
Storage Guards

Lift straight upward to release the tabs, then pull it out of the refrigerator. (This bottle storage guard is not adjustable ; it fits in only one position.)



Vegetable Bin and Cover

- Pull the vegetable bin toward you until it meets the stopper.
- Tilt the front of the vegetable bin and continue pulling the vegetable box.
- Lift the cover up and pull it out of the refrigerator.

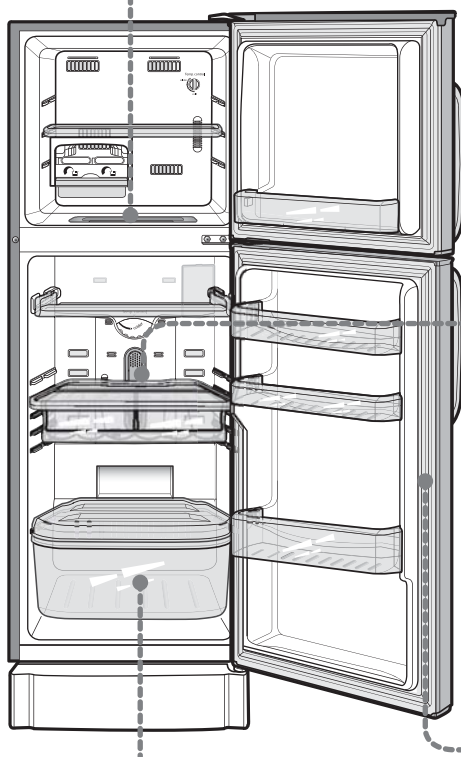
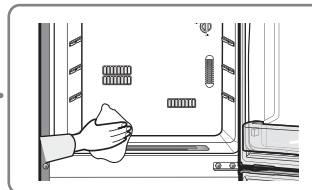


CLEANING THE REFRIGERATOR

1. Unplug the refrigerator from the power during this procedure.
2. Remove the food and store safely to avoid a deterioration
3. Clean surfaces with a dampened cloth and a mild detergent.
4. Dry all cleaned surfaces with a clean cloth.
5. Plug in the refrigerator and allow 1~2 hours for adequate cooling before restoring food items.

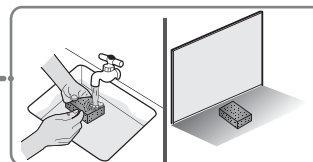
Evaporation Slot in Freezer

Wipe the slot area with a clean, dry, soft cloth.
Caution: Do not allow any foreign substance or particles to clog these openings.



The Nano-Silver deodorizer

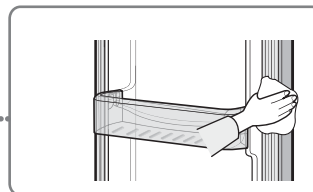
After removing the deodorizer, lightly wash that with flowing water under the faucet and dry that in the shade.



Door Seals

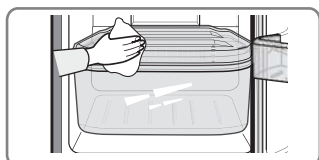
Clean the door seals often using a clean, soft cloth dampened with warm water and a mild detergent. Be careful not to damage the seals.

Caution: Dirt encrusted door seals prevent the doors from closing properly. Poorly closed doors waste energy and add unnecessary cost to your electricity bills.



Interior Parts

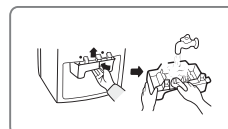
After removing all the shelves, wipe the appliance using a clean, soft cloth dampened with warm water and a mild detergent.



Evaporation Tray

The evaporation tray is on the back of the refrigerator

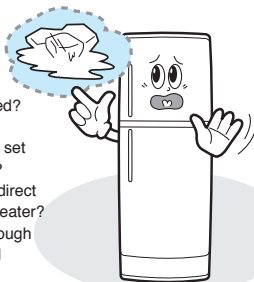
- Pull the refrigerator out and away from the wall.
- Remove all screws securing the avaporation tray.
- Pull the evaporation tray out of the appliance.
- Empty the water out of the tray and clean the tray before replacing it.



BEFORE CALLING SERVICE

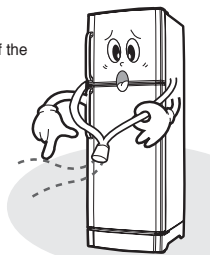
When the Refrigerator / Freezer is not operating or the food does not freeze sufficiently:

- Is the plug properly connected?
- Is the power fuse blown?
- Are the temperature controls set properly(not set to "COLD")?
- Is the appliance exposed to direct sunlight or installed near a heater?
- Does the appliance have enough clearance from the wall in all directions?



When you hear a sound like water flowing:

- This sound is generated by movement of the refrigerant and is not a malfunction.



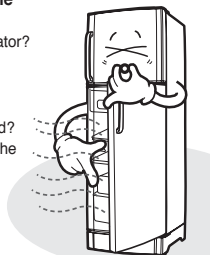
When food freezes in the refrigerator:

- Are the temperature controls set properly(not set to "COLDER")?
- If the food is juicy or very moist, is the temperature control set too "COLDER"?
- Is the ambient temperature too low?



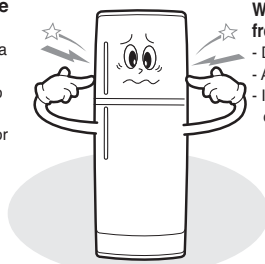
When you notice a foul odor inside the appliance:

- Do you have spoiled food in the refrigerator?
- Is all food stored in sealed containers?
- Has fluid collected in the bottom of the vegetable bin?
- Are the freezer evaporation slots clogged?
- Has the evaporation tray at the back of the appliance become foul?



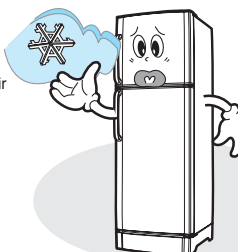
When there is noise from the unit:

- Is the refrigerator installed on a flat, stable surface?
- Is the appliance positioned too close to a wall?
- Are there any objects behind or under the refrigerator?
- Is the sound coming from the compressor?



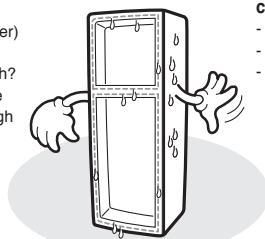
When frost develops inside the freezer:

- Does the door seal tightly?
- Are the evaporation slots clogged?
- Is there enough room for efficient air circulation?



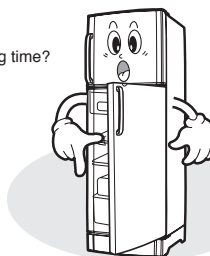
When the rear or side panel of the refrigerator is hot:

- Is a radiation(air ventilator/cooler) pipe installed?
- Is the ambient temperature high?
- Has dew formed on the outside of the appliance because of high humidity?



When dew develops on the vegetable compartment:

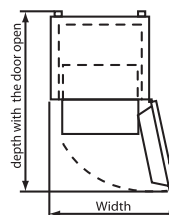
- Does the door seal tightly?
- Have you left the door open for a long time?
- Is liquid stored without a cover?



Additional tips for proper usage

a) Overall space required in use. Refer to drawing and dimension as bellowed.

Model name	Depth (mm)	Width (mm)
RT22/RT25	1085	949



- b) Allow the appliance to stand for 2 hours after installation.
- c) To get best performance of product,
 - 1) Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the freezer compartment.
 - 2) Wrap the food up properly or place it in airtight containers before put it into the fridge freezer
 - 3) Do not put any newly introduced food for freezing near to already frozen food.
- d) Do not place carbonated or fizzy drinks in the freezer compartment
- e) Please observe maximum storage times and expiry dates of frozen goods.
- f) There is no need to disconnect the refrigerator from the power supply if you will be away for less than three weeks. But, Remove all the food if you are going away for the three weeks or more. Unplug the refrigerator and clean it, rinse and dry.
- g) 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. Remove all frozen food if the power failure last more than 24 hours.
- h) If the key is provided with refrigerator, the key should be kept out of the reach of children and not in the vicinity of the appliance.
- i) The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed.
- j) Do not store food which goes bad easily at low temperature, such as bananas, melons.
- k) Place the ice tray at the originally provided position by manufacturer in order to achieve optimal ice-freezing.
- l) In "No-Frost" appliance, defrosting of freezer is completely automatic. No manual defrost by user is required.
In other appliance, please refer to defrosting procedure as described in each user's manual.
- m) Temperature rising during the defrost can comply with ISO requirement. But If you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food in several layers of newspaper.
- n) Any increase in temperature of frozen food during defrosting can shorten its storage life.

Ambient Room Temperature Limits

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

Temperature Class	Symbol	Ambient Temperature	
		Maximum	Minimum
Extended Temperate	SN	32°C (90°F)	10°C (50°F)
Temperate	N	32°C (90°F)	16°C (61°F)
Subtropical	ST	38°C (100°F)	18°C (64°F)
Tropical	T	43°C (109°F)	18°C (64°F)

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

English



Correct Disposal of This Product (Waste Electrical & Electronic Equipment) (Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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

Country	Customer Care Center ☎	Web Site
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