



Refrigerator

User manual

RR18T****

Free Standing Appliance

SAMSUNG

Contents

Safety information	3
Important safety symbols and precautions	5
Severe warning signs for installation	6
Severe warning signs for using	8
Caution signs for installation	11
Caution signs for using	12
Caution signs for cleaning and maintenance	13
Severe warning signs for disposal	14
This appliance is intended to be used in household and similar applications such as	16
Instructions about the WEEE	16
Installation	17
Refrigerator at a glance	17
Step-by-step installation	18
Operations	23
Controls	23
Maintenance	25
Handle and care	25
Troubleshooting	27

Safety information

- Before operating the appliance, please read this manual thoroughly and retain it for your reference.
- Use this appliance only for its intended purpose as described in this instruction manual.

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

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

- Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur.

It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your appliance.

Safety information

- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.
- R-600a or R-134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator. When this product contains flammable gas (Refrigerant R-600a), contact your local authority in regard to safe disposal of this product.
- It is hazardous for anyone other than an Authorised Service Person to service this appliance.
- Do not drink the liquid which is inside the cool pack although it is not toxic to human body.



Warning; Risk of fire / flammable materials

Important safety symbols and precautions








WARNING

Hazards or unsafe practices that may result in **severe personal injury or death**.

CAUTION

Hazards or unsafe practices that may result in **minor personal injury or property damage**.

NOTE

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

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


Please follow them carefully.



After reading this section, keep it in a safe place for future reference.

Safety information

Severe warning signs for installation

WARNING


-  Do not plug several appliances into the same multiple power board.
The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matched the rating plate.
 - This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- If the wall socket is loose, do not insert the power plug.
 - There is a risk of electric shock or fire.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not bend the power cord excessively or place heavy articles on it.
- Do not use aerosols near the refrigerator.
 - Aerosols used near the refrigerator may cause an explosion or fire.
- Connect the power plug in proper position with the cord hanging down.
 - If you connect the power plug upside down, wire can get cut off and cause fire or electric shock.
- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.

- When moving the refrigerator, be careful not to roll over or damage the power cord.
 - This constitutes a fire hazard.
- This appliance should be positioned in such a way that it is accessible to the power plug.
 - Failing to do so may result in an electric shock or fire due to electric leakage.
-  This appliance must be properly grounded.
- Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.
 - You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
 - This may result in an electric shock, fire, explosion, or problems with the product.
 - Never plug the power cord into a socket that is not grounded correctly and make sure that it is in accordance with local and national codes.
-  If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The fuse on the refrigerator must be changed by a qualified technician or service company.
 - Failing to do so may result in an electric shock or personal injury.

Safety information

Severe warning signs for using

WARNING

-  Do not touch the power plug with wet hands.
 - This may result in an electric shock.
- Do not store articles on the top of the appliance.
 - When you open or close the door, the articles may fall and cause a personal injury and/or material damage.
- Do not put a container filled with water on the refrigerator.
 - If spilled, there is a risk of fire or electric shock.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep fingers out of “pinch point” areas : clearances between the doors and cabinet are necessarily small. Be careful when you open the doors when children are in the area.
- Do not let children hang on the door. If not, a serious injury may occur.
- There is a Risk of children entrapment.
Do not let children enter inside the refrigerator.
- Do not keep volatile or inflammable objects or substances (benzene, thinner, propane gas, alcohol, ether, LP gas and other such products etc.) in the refrigerator.
 - This refrigerator is for storing food only.
 - This may result in fire or explosion.


- Do not place or use electrical appliance inside the refrigerator, unless they are of a type recommended by the manufacturer.
- Do not use a hair dryer to dry the inside of the refrigerator. Do not place a lighted candle in the refrigerator for removing bad odours.
 - This may result in an electric shock or fire.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
 - This may cause frostbite.
- 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.
- Fill the water tank, ice tray, water cubes only with potable water.
- ★ • This product is intended only for the storage of food in a domestic environment.
- Bottles should be stored tightly together so that they do not fall out.
- Do not insert hands, feet or metal objects (such as chopsticks, etc.) into the bottom or the back of the refrigerator.
 - This may result in an electric shock or injury.
 - Any sharp edges may cause a personal injury.

Safety information

- ⊘ Do not attempt to repair, disassemble, or modify the appliance yourself.
 - Do not use any fuse (such as cooper, steel wire, etc.) other than the standard fuse.
 - When repairing or reinstalling the appliance is required, contact your nearest service center.
 - Failing to do so may result in an electric shock, fire, problems with the product, or injury.
- 🔧 If the appliance generates a strange noise, a burning or smell or smoke, unplug the power plug immediately and contact your nearest service center.
 - Failing to do so may result in an electric or fire hazards.
- Pull the power plug out of the socket before changing the interior lamps of the refrigerator.
 - Otherwise, there is a risk of electric shock.
- If any dust or water is in the refrigerator, pull out power plug and contact your Samsung Electronics service center.
 - Otherwise there is a risk of fire.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Caution signs for installation

CAUTION

-  Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- The installation or any service of this appliance is recommended by a qualified technician or service company.
 - Failing to do so may result in an electric shock, fire, explosion, problems with the product, or injury.
- Do not install the appliance nearby the voltage stabilizer.
- Do not use a candle on top of the appliance when a blackout.
- Do not use a hooking power by direct tapping from the electric line.
- Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops).
 - Deteriorated insulation on electrical parts may cause an electric shock or fire.

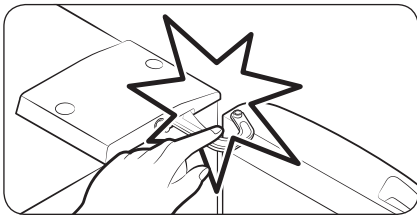
Safety information

Caution signs for using

⚠ CAUTION

- Do not place glass or bottles or carbonated beverages into the freezer.
 - The container may freeze and break, and this may result in injury.
- 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.




- Be careful that your fingers are not caught in.
- Do not keep vegetable oil in your refrigerator's door bins. The oil can solidify, making it foul-tasting and difficult to use. In addition, the open container can leak and the leaked oil can cause the door bin to crack. After opening an oil container, it is best to keep the container in a cool and shaded place such as a cupboard or pantry.

-
- Examples of vegetable oil: olive oil, corn oil, grape-seed oil, etc.

Caution signs for cleaning and maintenance

CAUTION


-  Do not clean the appliance by spraying water directly onto it.
- Do not use benzene, thinner, or Clorox, Chloride for cleaning.
 - They may damage the surface of the appliance and may cause a fire.
- Do not spray inflammable gas near the refrigerator.
 - There is a risk of explosion or fire.
- Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.
 - Unplug the power plug and clean it with a dry cloth.
 - Failing to do so may result in an electric shock or fire.
- Before cleaning or performing maintenance, unplug the appliance from the wall socket.
 - Failing to do so may result in an electric shock or fire.
- If the key is provided with refrigerator, the keys should be kept out of the reach of children and not be in the vicinity of the appliance.

Safety information

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

Severe warning signs for disposal

WARNING

-  Leave the shelves in place so that children may not easily climb inside.
- Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.
- R-600a or R-134a is used as a refrigerant.
Check the compressor label on the rear of the appliance or the rating label inside the refrigerator to see which refrigerant is used for your refrigerator.

When this product contains flammable gas (Refrigerant R-600a), contact your local authority in regard to safe disposal of this product. Cyclopentane is used as an insulation blowing gas.

The gases in insulation material require special disposal procedure.

Please contact your local authorities in regard to the environmentally safe disposal of this product.

Ensure that none of the pipes on the back of the appliances are damaged prior to disposal.

Pipes shall be broken in the open space.

- When disposing of this or other refrigerator/s, remove the door/door seals, door latch so that children or animals cannot become trapped inside.
Children should be supervised to ensure that they do not enter and play with the appliance.
 - If trapped inside, the child may become injury and suffocate to death.
- Please dispose of the packaging material for this product in an environmentally friendly manner.



Safety information

This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

Instructions about the WEEE



Correct Disposal of This Product (Waste Electrical & Electronic Equipment) (Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them 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 these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



Installation

Follow these instructions carefully to ensure a proper installation of this refrigerator and to prevent accidents before using it.

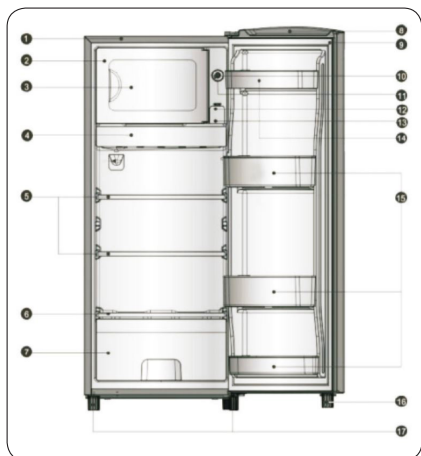
⚠ WARNING

- Use the refrigerator only for its intended purpose as described in this manual.
- Any servicing must be performed by a qualified technician.
- Dispose of the product packaging material in compliance with the local regulations.

📖 NOTE

The actual image and provided component parts of the refrigerator may differ, depending on the model and the country.

Refrigerator at a glance



1. Cabinet
2. Top box
3. Top box cover
4. Drain tray
5. Shelves
6. Vegetable box cover
7. Vegetable box
8. Door
9. Door seal
10. Control knob
11. Button
12. Lamp bulb or LED
13. Lamp cover
14. Guard Egg
15. Door bin
16. Door support
17. Bottom feet

📖 NOTE

When customer replaces LED lamp, please contact service center.

Installation

Step-by-step installation

STEP 1 Select a site

Site requirements:

- Solid, level surface without carpeting or flooring that may obstruct ventilation
- Away from direct sunlight
- Adequate room for opening and closing the door
- Away from a heat source
- Room for maintenance and servicing
- Temperature range: between 16 °C and 43 °C

Effective temperature range

The refrigerator is designed to operate normally in the temperature range specified by its class rating.

Class	Symbol	Ambient Temperature range (°C)	
		IEC 62552 (ISO 15502)	ISO 8561
Extended Temperate	SN	+10 to +32	+10 to +32
Temperate	N	+16 to +32	+16 to +32
Subtropical	ST	+16 to +38	+18 to +38
Tropical	T	+16 to +43	+18 to +43

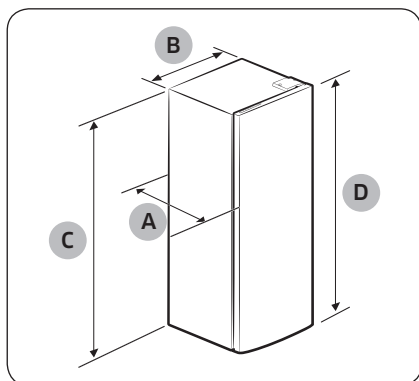
NOTE

The cooling performance and power consumption of the refrigerator may be affected by the ambient temperature, the door-opening frequency, and the location of the refrigerator. We recommend adjusting the temperature settings as appropriate.

Clearance

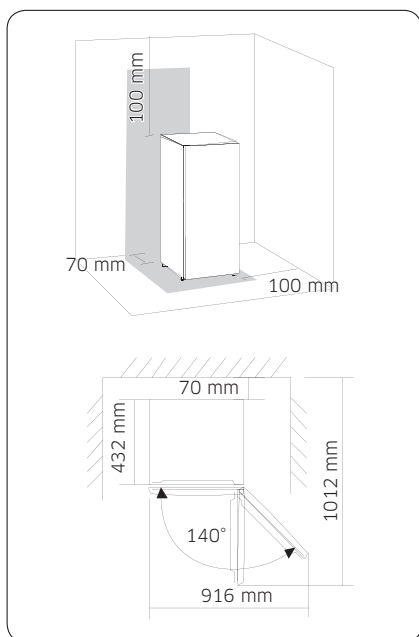
See the pictures and table below for space requirements for installation.

Basic Model



	RR18T1001SA
	Basic
Depth "A"	520
Width "B"	519
Height "C"	1214
Overall Height "D"	1244

(unit: mm)



NOTE

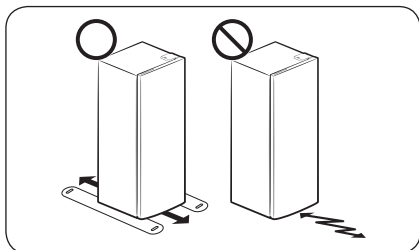
Each measurement based on the design dimension, so it may differ depending on the measuring method.

CAUTION

Please tie up the extra length of the power cord at the back of the refrigerator so as not to be touched on the floor preventing the power cord from being crushed by the rollers upon relocation.

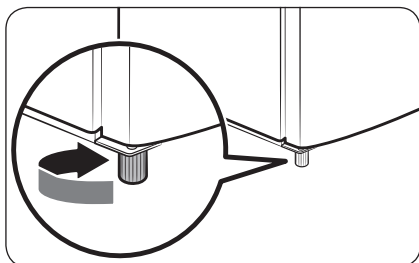
Installation

STEP 2 Flooring



- The surface to install the refrigerator must support a fully loaded refrigerator.
- To protect the floor, put a large piece of cardboard on each leg of the refrigerator.
- Once the refrigerator is in its final position, do not move it unless necessary to protect the floor. If you have to, use a thick paper or cloth such as old carpets along the movement path.

STEP 3 Adjust the levelling feet



Level the refrigerator by manually adjusting the levelling feet. Turn the levelling feet clockwise to lower the position, or turn counter clockwise to raise. For safety reasons, adjust the front side a little higher than the rear side.

NOTE

This model does not allow for adjusting the front right foot that is fixed. Use the front left foot for levelling.



Installation

STEP 4 Initial settings

By completing the following steps, the refrigerator should be fully functioning.

1. Plug the power cord into the wall socket to turn the refrigerator on.
2. Open the door, and check if the interior light lights up.
3. Set the temperature to the coldest, and wait for about an hour.
4. Wait until the refrigerator reaches the set temperature.
Now the refrigerator is ready for use.

STEP 5 Final check

When installation is complete, confirm that:

- The refrigerator is plugged into an electrical outlet and grounded properly.
- The refrigerator is installed on a flat, level surface with a reasonable clearance from the wall or the cabinet.
- The refrigerator is level and is sitting firmly on the floor.
- The door opens and closes freely, and the interior light turns on automatically when you open the door.



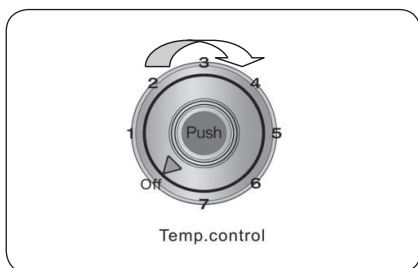
Operations

Controls

The appliance has 7 choices of temperature, you can turn the knob clockwise to the proper position by your requirement.

Starting

- When you use your appliance for the first time, please turn the control knob at position "1".keep the appliance running about 2 or 3 hours unload inside to stabilize the temperature.
- If interrupted, please restart again 5 minutes later.



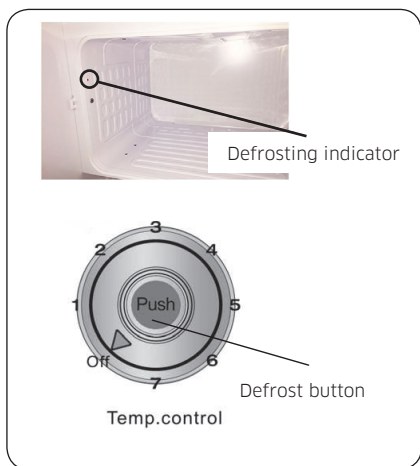
Temperature control

- For normal operation, the control knob is advised to be set at position "3" or "4".
- In case of the maximum amount of food to be stored or the requirement of a colder temperature, you can turn the control knob to a higher position.
- If you only want to store small food, or the ambient temperature is low, you may turn the control knob to a lower position.
- If there is no need to use the appliance, you can turn the control knob to the position "OFF" to shut off the appliance.

Operations

Defrosting

In order to keep high efficiency of the appliance, it is necessary to defrost regularly. If the frost on the top box grows up to 5mm, or the frost is going to exceed the defrosting indicator, please press the defrost button to defrost. The button will return to normal position automatically about 3 to 4 hours later when defrosting completes and the appliance operates properly.



- If there is a need to use top box during defrost, or you want to discontinue the defrosting process, turn the control knob to position "OFF", and then set the control knob to the proper position you need. And then the appliance will operate properly.

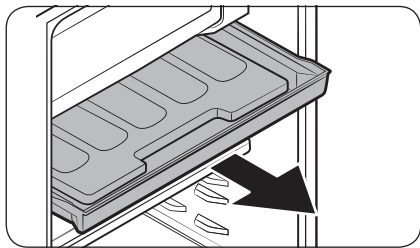
NOTE

1. Before starting defrosting, please remove the food in the top box and the drain tray. It is recommended to start defrosting when there is no food needed to be frozen in case of being thawing.
2. When defrosting completes, remove the drain tray, empty the water and residual ice, Put the drain tray back to the proper position. Clean and dry the interior thoroughly.
3. If the thickness of frost got over the defrost indicator, the defrosted water may flow over the evaporating pan. Please pay attention to this regard.

Maintenance

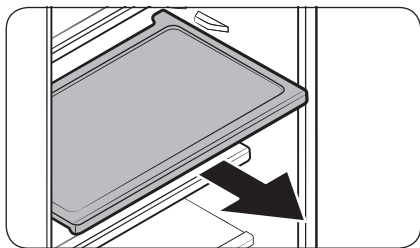
Handle and care

Drain tray



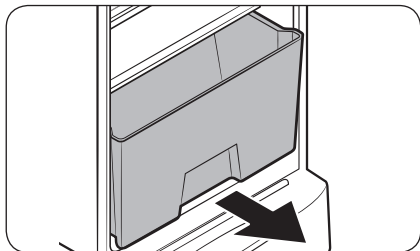
Pull the drain tray towards you until it meets the stopper.
Tilt the front upward and pull the tray out.

Shelves



Pull the shelf forward until it meets the stopper.
Tilt the front of the shelf up and pull it out.

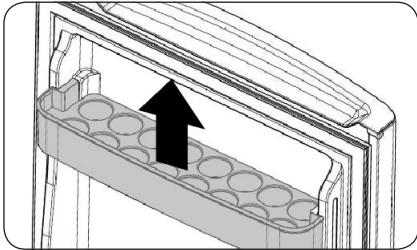
Vegetable Box



Pull the moisturizing veg box forward and take it out of the Refrigerator.
Lift the cover up and pull it out of the Refrigerator.

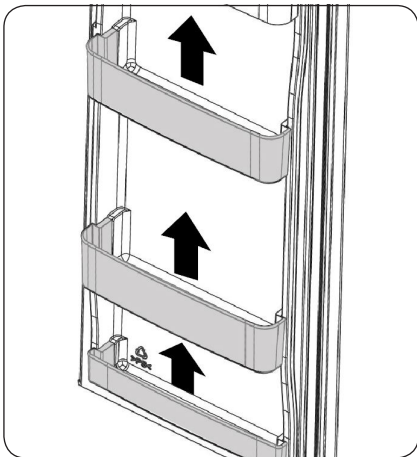
Maintenance

Guard egg



Lift the Guard egg up and slide it out.
(This Guard egg is not adjustable; it fits in only one position.)

Door bin



Lift the Door bin up and slide it out.
(This Door bin is not adjustable; it fits in only one position.)

Troubleshooting

If you experience a problem with your appliance or are concerned that the appliance is not functioning correctly, you can carry out some easy checks before calling for service, please see below. You can carry out some easy checks according to this section before calling for service.

WARNING

Don't try to repair the appliance yourself. If the problem persists after you have made the checks mentioned below, contact a qualified electrician, authorized service engineer or the shop where you purchased the product.

Problem	Possible cause & Solution
Appliance is not working correctly	<ul style="list-style-type: none">• Check whether the power cord is plugged into the power outlet properly.• Check the fuse or circuit of your power supply, replace if necessary.• The ambient temperature is too low. Try setting the chamber temperature to a colder level to solve this problem.• It is normal that the freezer is not operating during the defrost cycle, or for a short time after the appliance is switched on to protect the compressor.
Odours from the compartments	<ul style="list-style-type: none">• The interior may need to be cleaned.• Some food, containers or wrapping cause odours.
Noise from the appliance	<ul style="list-style-type: none">• The sounds below are quite normal:<ul style="list-style-type: none">- Compressor running noises.- Gurgling sound similar to water boiling.- Clicking noise before the compressor starts.• Other unusual noises are due to the reasons below and may need you to check and take action:<ul style="list-style-type: none">- The cabinet is not level.- The back of appliance touches the wall.- Bottles or containers fallen or rolling.
The motor runs continuously	<ul style="list-style-type: none">• It is normal to frequently hear the sound of the motor, it will need to run more when in following circumstances:<ul style="list-style-type: none">- Temperature setting is set colder than necessary.- Large quantity of warm food has recently been stored within the appliance.- The temperature outside the appliance is too high.- Doors are kept open too long or too often.- After your installing the appliance or it has been switched off for a long time.

Troubleshooting

Problem	Possible cause & Solution
A layer of frost occurs in the compartment	<ul style="list-style-type: none">• Check that the air outlets are not blocked by food and ensure food is placed within the appliance to allow sufficient ventilation. Ensure that door is fully closed. To remove the frost, please refer to defrosting chapter.
Temperature inside is too warm	<ul style="list-style-type: none">• You may have left the doors open too long or too frequently; or the doors are kept open by some obstacle; or the appliance is located with insufficient clearance at the sides, back and top.
Temperature inside is too cold	<ul style="list-style-type: none">• Increase the temperature by following the “Controls” chapter.
Door can't be closed easily	<ul style="list-style-type: none">• Check whether the top of the refrigerator is tilted back by 10-15 mm to allow the doors to self close, or if something inside is preventing the doors from closing.
Water drips on the floor	<ul style="list-style-type: none">• The water pan (located at the rear bottom of the cabinet) may not be properly leveled, or the draining spout (located underneath the top of the compressor depot) may not be properly positioned to direct water into this pan, or the water spout is blocked. You may need to pull the refrigerator away from the wall to check the pan and spout.
The light is not working	<ul style="list-style-type: none">• When customer replaces LED lamp, please contact service center.

Memo

Memo

Memo

SAMSUNG

Country	Contact Center	Web Site
THAILAND	Hotline no : 1282 (for HHP) 0-2689-3233 (only for HHP) 0-2689-3232 (OTH products) 1800-29-3232 (Toll free)	www.samsung.com/th/support
MYANMAR	+95-1-2399-888 VIP HHP +95-1-2399-990	www.samsung.com/mm/support
CAMBODIA	+855-23-993232 1800-20-3232 (Toll free)	www.samsung.com/th/support
LAOS	+856-214-17333	www.samsung.com/th/support

Contact SAMSUNG WORLD WIDE

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

