Ремонт холодильников

SAMSUNG

CFC FREE

**CREEN** 

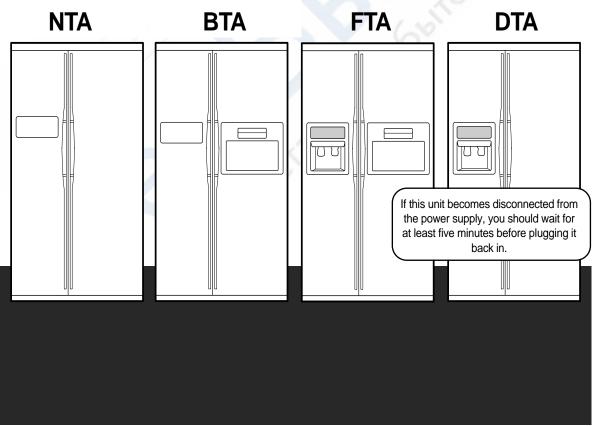
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# INSTRUCTION MANUAL

SR-S25/26/28NTA SR-S25/26/28BTA SR-S24/25/27FTA SR-S24/25/27DTA

# REFRIGERATOR

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





(903) 722-1

### FEATURES

#### Energy saving refrigerator!

• Power consumption is kept to a minimum by the separate distribution of cool air in the refrigerating and freezing sections.

#### Faster cooling times!

• The power freezing and power refrigerating functions allow you to freeze or chill food more quickly.

#### High humidity keeps food fresh!

• You can keep foods, fruits, and vegetables fresh because your refrigerator supplies highly humidified cold air. This can be up to 4-5 times more effective than a normal refrigerator.

### Three wavelength fluorescent lamp in the refrigerating section!

- The refrigerator's three wavelength fluorescent lamp does not dazzle the eyes. It high lights the natural colour of foods.
- The effective lighting system makes the refrigerator easy to use.

#### Alarm sounds when the door is open

• When the refrigerator door is left open for more than two minutes, self-detection triggers an alarm which emits warning music. This feature saves energy and preserves stored foods.

#### An abundant supply of ice and cold water!

 Ice/water dispensers provide ice and cold water at any time.

### Place frequently used foods in the extra refrigerating compartment!

• You do not have to open the main door to access food in the extra refrigerating compartment. This saves time and money.



# What is the meaning of H. M. Cycle (High-efficiency Multi-evaporator Cycle)?

• Refrigerating and freezing sections has an evaporator each other. Because of this isolated system, freezing and refrigerating compartments are cooled so fast separatly. Food odour from the refrigerating section does not effect food in the freezer section because the two are not connected.

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## SAFETY WARNINGS

These warnings are to prevent injury to users or other persons. Please obeserve them. After reading these warnings. Please keep them in a safe place for later referral.

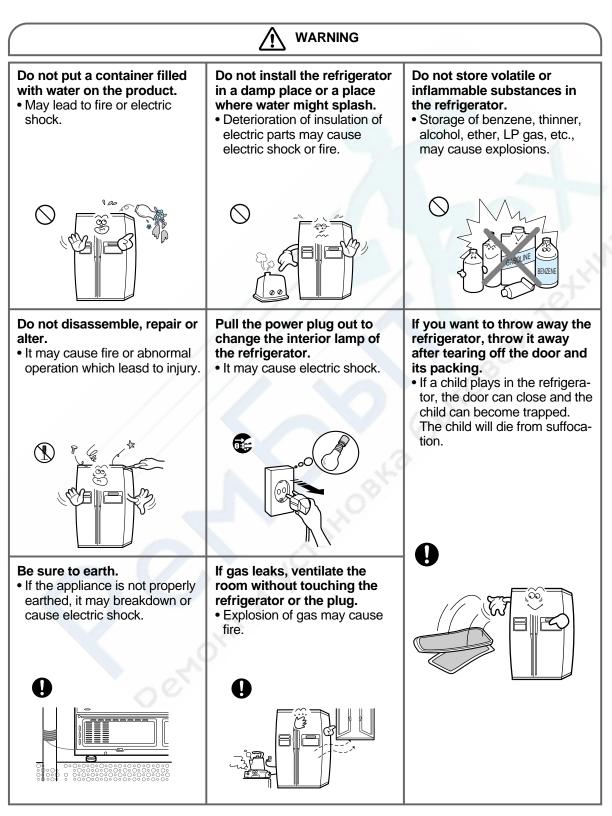
#### SYMBOLS

$\odot$	Represents prohibition.	
$\odot$	Represents the prohibition of disassembly.	
۲	Represents the prohibition of contact.	
0	Represents what must be observed.	
8	This symbol indicates that a power plug must not be connected to a socket.	
•	Represents that something must be earthed to prevent electric shock.	

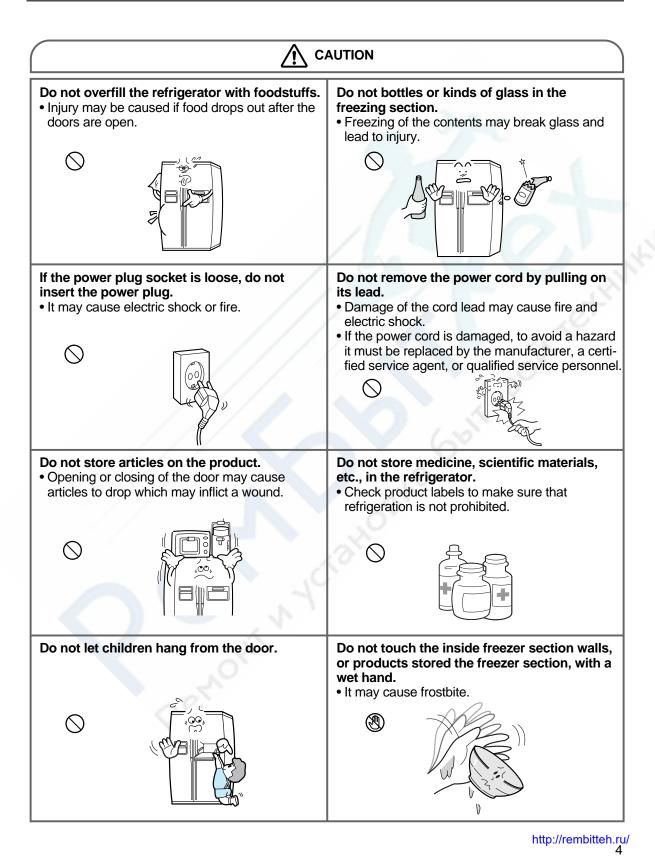
#### CAUTION/WARNING SYMBOLS DISPLAYED

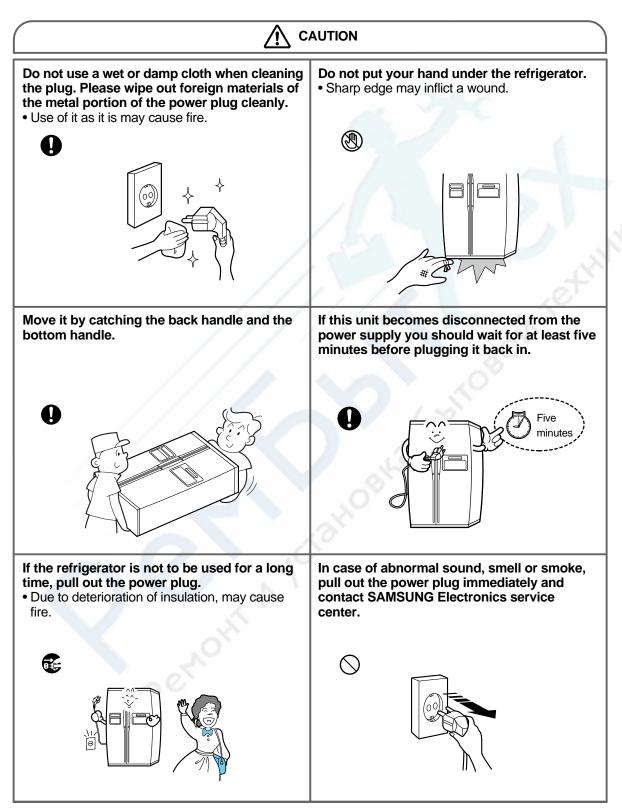
Indicates that a danger of death or serious injury exists.
Indicates that a risk of personal injury or material damage exists.

Do not use with multi-plug adapter. • This causes a potential fire hazard.	<ul> <li>Make sure that the power plug is not cramped or damaged by the back side of the refrigerator.</li> <li>Damaged power plug may cause fire due to overheating.</li> </ul>	Do not allow water to splash or run on refrigerator. • May cause fire or electric shock.
Do not use aerosols near the refrigerator. • May cause explosion or fire.	Do not place heavy articles on the power cord. • May cause fire.	Do not insert the power plug with a wet hand. • May cause electric shock.









## **INITIAL OPERATION**

It should be satisfied when you test the refrigerator following below items. If not, check power supply and electricity state. If you can not any control, contact SAMSUNG service center.



Place the shelves and containers which were removed for transportation in their appropriate positions. (refer to pages 21~24)



Set temperature control to "HIGH" position and let refrigerator operate for one hour. The freezer compartment should get slightly chilled and the motor should run smoothly producing a soft humming noise.



Clean refrigerator and parts to remove dust incurred in shipping and packing. (refer to pages 26~27)



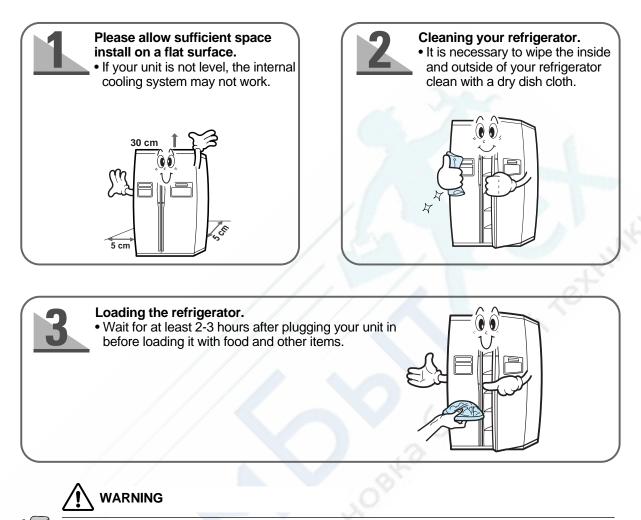
Store food after the temperature in the refrigerator gets sufficiently low. It takes a few hours after starting the refrigerator to reach the proper temperature.



When you plugged the refrigerator in, interior lamp should light on during refrigerator door is opened.

Your refrigerator is operated by a compressor which switchs "on and off" to maintain the internal temperature. When the compressor is new, it requires a running in period which can last for up to 5 months. During this period it may operate a little noisily. This is quite normal and does not represent a fault. http://rembitteh.ru/

### INSTALLATION



### HOW TO GROUND

#### The refrigerator must be grounded.

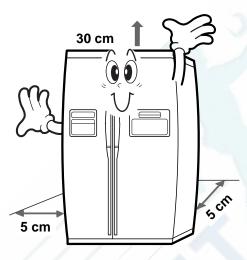
The purpose of grounding is to prevent any power leakage or electric shock caused by the current leakage from the refrigerator.

• Never use gas pipes, telephone lines, or other potential lightning rods for the purpose of grounding.

## In case of power plug without ground terminal. • Connect one side of the ground wire (yellow/green or green color) with the ground screw, another side of the ground terminal with steel or copper pipe such as water pipe tap.

## **INSTALLATION METHOD**

Allowing a 5cm space on the right, left and back sides when installing the unit, gives you an advantage by saving power.

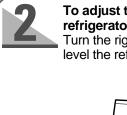


### THE LEVELLING METHOD

When you level the refrigerator, set the front legs higher than the rear legs, you can open and close the door easily.

First disassemble leg coverage and then level the refrigerator.

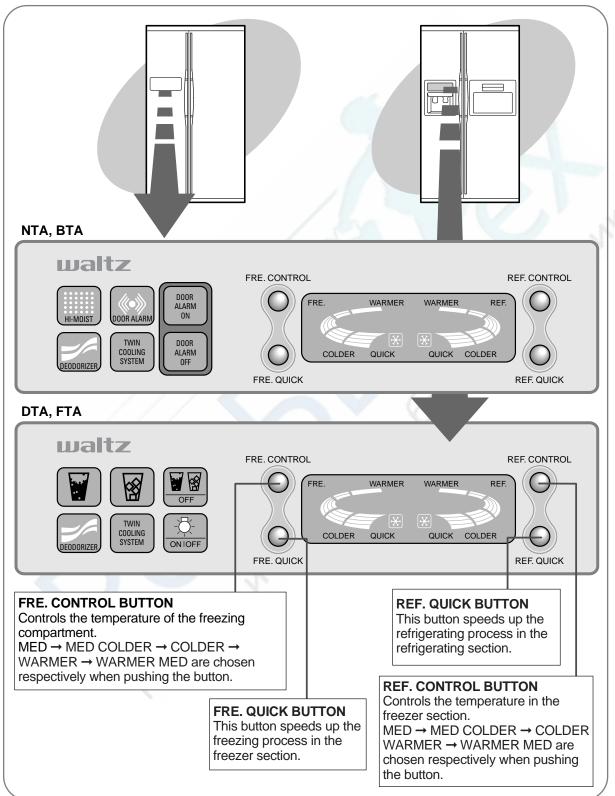
1	To adjust the left side of your refrigerator. Turn the left adjusting screw to level the refrigerator.



To adjust the right side of your refrigerator. Turn the right adjusting screw to level the refrigerator.



## FRONT CONTROL PART





### **INDICATORS (NTA, BTA)**

#### High humidity refrigeration function

The high humidity function light turns on during operation.



#### Door alarm function



- When the door alarm light is on, the door alarm is activated.
- Activate the door alarm by pressing the DOOR ALARM ON button.
- When the door is opended over 2 minutes, it sound alarming for 10 seconds. So it inform you that the door is opened.

DOOR

When the door alarm light is off, the door alarm is not activated.

- Deactivate the door alarm by pressing the DOOR ALARM OFF button.
- Turn the door alarm off when you do not want the alarm to sound, (When you are cleaning the refrigerator, for example)



#### The deodorizer function

When the deodorizer light is on, the deodorizer function is operating.



TWIN COLLING SYSTEM

#### Separate freezing function

When the unit is operating, the ON LIGHT of the twin cooling system means that the freezing machine and fan, deployed separately in refrigerating section, work.

WARMER

WARMER

COLDER QUICK

\*

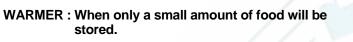
## TEMPERATURE CONTROL METHODS FREEZER,



### FRE.QUICK/TEMPERATURE CONTROL FOR FREEZER

#### FRE.QUICK : When foods are frozen quickly.

- Choose 'FRE. QUICK' for power freezing. Quick lamp is on.
- Press the button again to cancel 'FRE. QUICK'.



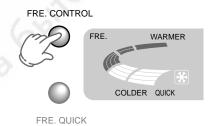
- Please choose 'WARMER' by pressing the temperature control button on the front control panel.
- Temperature is selected 'WARMER/MED → MED' respectively

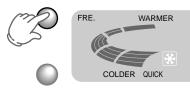
#### MED : When you are using in normal state.

- Taking the amount of food you have stored into account, choose an appropriate setting between WARMER and COLDER.
- The MEDIUM temperature is proper.



• Please press 'COLDER' button on the front control panel.





FRE. QUICK

FRE. CONTROL

FRE. CONTROL

RE. QUICK

FRE. CONTROL

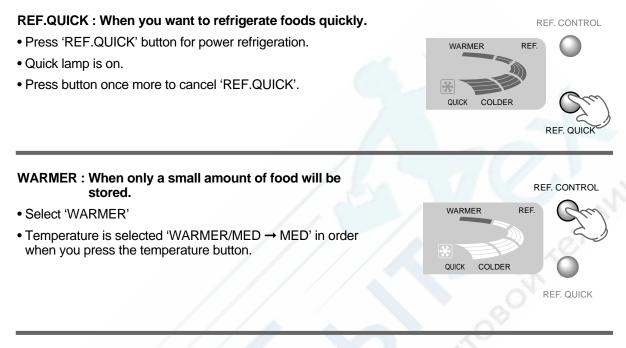
FRE. QUICK

FRE.

FRE.

### REFRIGERATOR



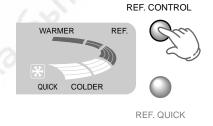


#### MED : When you are using in normal state.

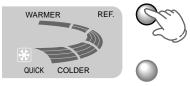
- Taking the amount of food you have stored into account, choose an appropriate setting between WARMER and COLDER.
- The MEDIUM temperature is proper in normal state.



- Press 'COLDER'.
- If you press the button once more, it change to WARMER temperature state.

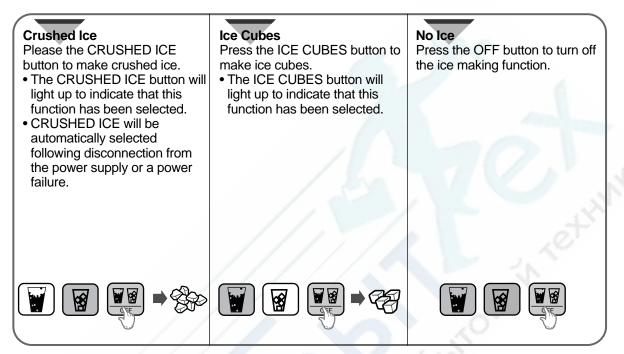


#### REF. CONTROL



REF. QUICK

### INDICATORS (FTA, DTA)



#### **Deodorizer** function

The deodorizer light is always on during operation.

• If you do not any control, deodorizer function is maintained.



#### Separate cooling function

Open door alarm function

Freezing and refrigerating sections has an evaporator each other. So it can cooling the sections faster than system which has an evaporator only one.



Alarm sound two minutes later door opened.

#### Light

- Pressing this button will turn the external light on, allowing you to collect ice and water more easily.
- The light will turn off automatically after a few seconds.



# NOTE

#### Energy saving function of interior light

- The inside lamp in the freezing section turns off automatically if door is open for over 10 minutes.
- The inside lamp of the refrigerating section is a fluorescent lamp and it has no automatic on/off function.

### ICE DISPENSER

Ice making device makes 8 cubes at a time and 80 cubes a day automatically. The output from the ice making device may be influenced by such factors as the temperature of the freezer section and the number of times that the door is opened. When your unit is first plugged in, crushed ice is selected automatically.

#### Select ice type after pressing ICE button.

- Please the CRUSHED ICE button to make crushed ice.
- Press the ICE CUBES button to make ice cubes.

#### Push after placing a cup at ice dispenser.

- Please place a cup near the dispenser to prevent ice jumping.
- If you want to use the ice dispenser in conjunction with the cold water dispenser, please use the ice dispenser first.





### E.S.

### POOR OPERATION

#### Ice is gathering

- When the ice is gathering, taking it out and throw away.
- If the size of ice is too small, you have to control the amount of water supplied. Refer to installation advice or contact SAMSUNG service center.

#### Ice and cold water explained.

- The service person connects household water pipe with the hose at the back of refrigerator.
- Water from the household water pipe is filtered though ice making filter installed on refrigerator and then stored. Stored water moves to the ice making machine when it is requited. The water also moves to the cold water dispenser when required.

#### Power failure.

- Ice in ice storage case is then melted and dropped into the freezer section. Remove ice storage case and empty any accumulated water return the case.
- When the power is turned on after a power failure, CRUSHED ICE is automatically selected.

#### **New installation**

• Newly installed refrigerator can make ice 12 hours after installation.

## COLD WATER DISPENSER

Water function can dispense 6 glasses of water in succession.

After six glasses have been dispensed in succession, please wait for several minutes to allow the stored water to cool again.

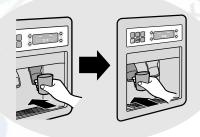
#### Cold Water

- Push after placeing a cup at water dispenser.
- The first 6 glasses of water should be thrown away after installation. This will help to remove the plastic smell of the water storage case.



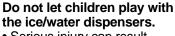
#### If the water is not cold

• If the water from the cold water dispenser is not chilled, empty the warm water and add ice from the ice dispenser before filling your glass with water.



#### Do not disassemble the ice-making machine.





Do not fully fill the cup with

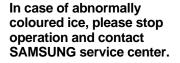
• Serious injury can result.



#### Do not use a crystal glass or fragile bowl to collect ice.

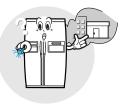
- Ice can be used in a crystal glass. However, great care must be taken. The ice must be collected in a sturdy container first. Then it should be added to the crystal glass using tongs. · Glass or bowl can be broken.

After installation, please generate ice and water from the ice/water dispensers. This initial output should then be thrown away.









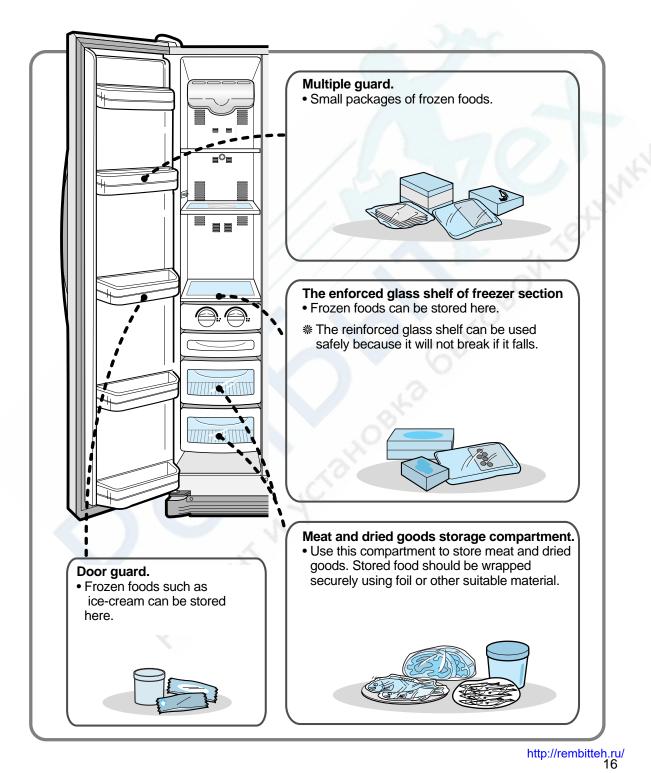


ice.

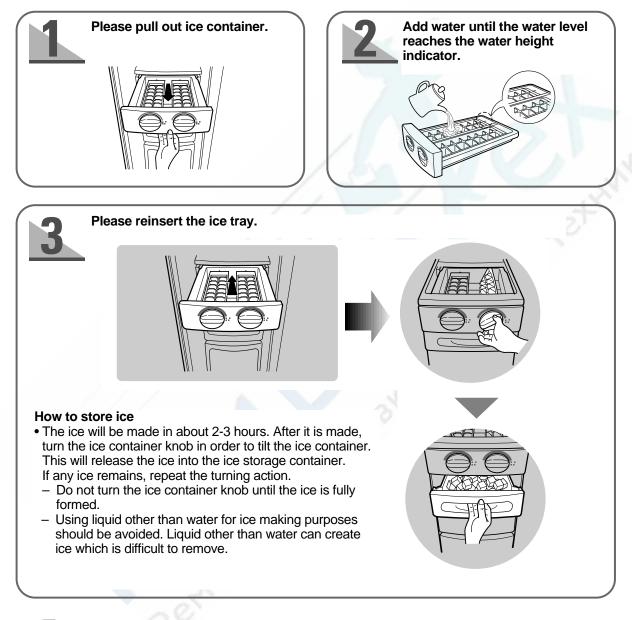
### FOOD STORAGE METHODS



### FROZEN FOOD STORAGE METHODS (NTA, BTA)



### BOW TO MAKE ICE

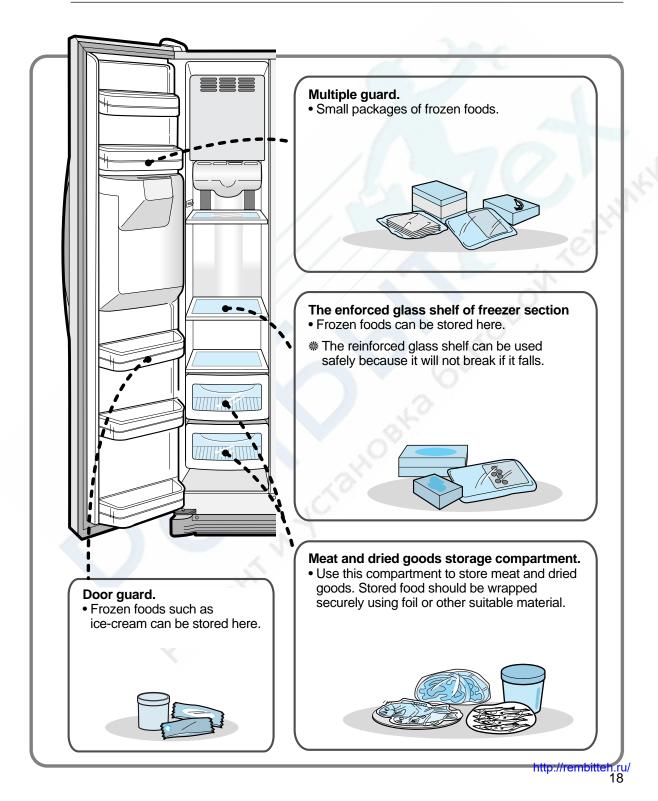




#### When you want to make ice more quickly.

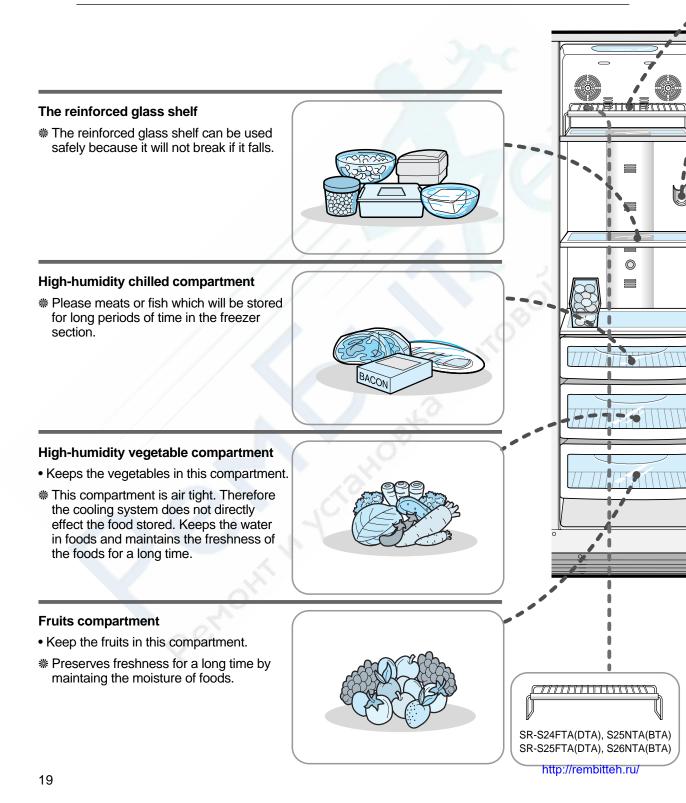
- When you want to make ice quickly or lots of ice, please select the quick function by pressing power freezing button.
- When the freezer is in power freezing mode, ice can become cracked or blurred because air may be unable to escape from the water.

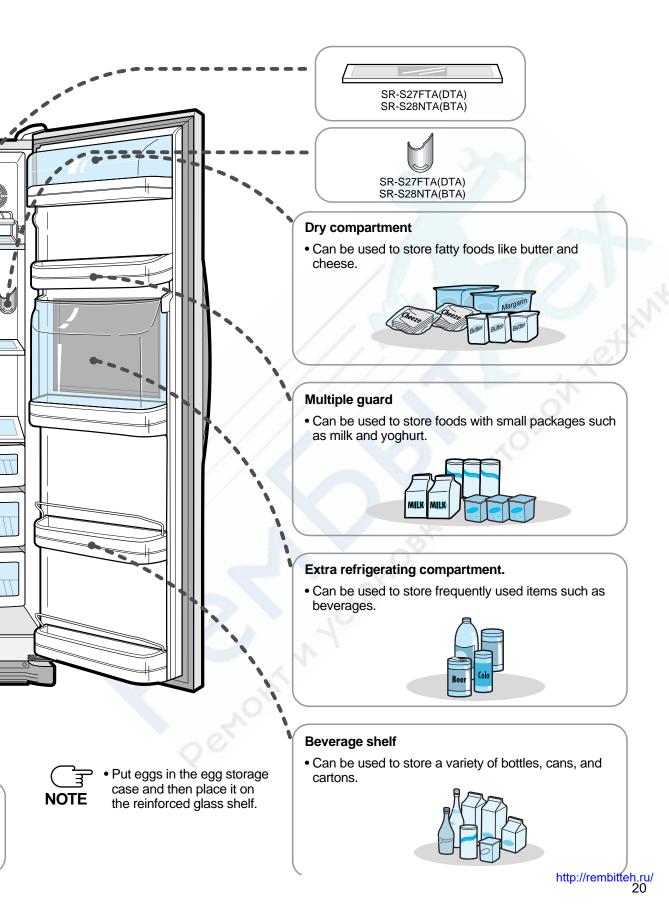
### FROZEN FOOD STORAGE METHODS (FTA, DTA)



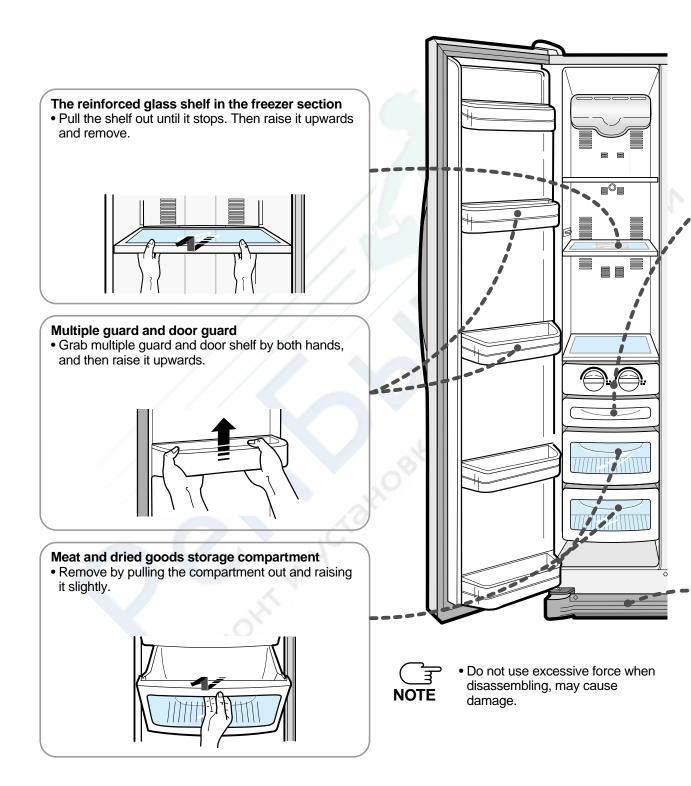
## **REFRIGERATED FOOD STRORAGE METHODS**

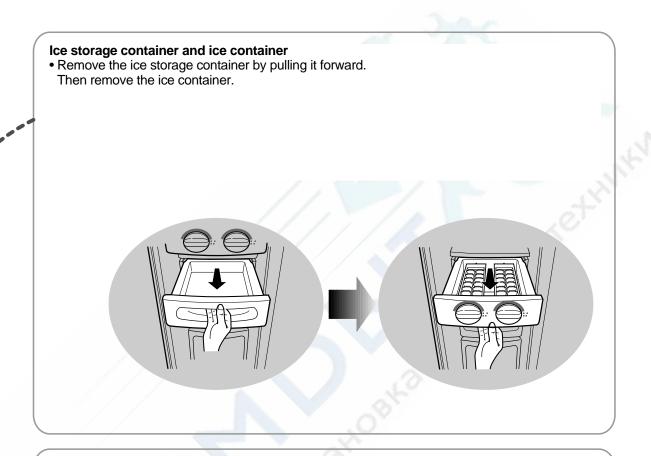






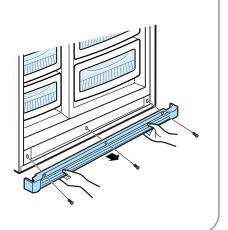
## DISASSEMBLING METHOD FOR FREEZER (NTA)





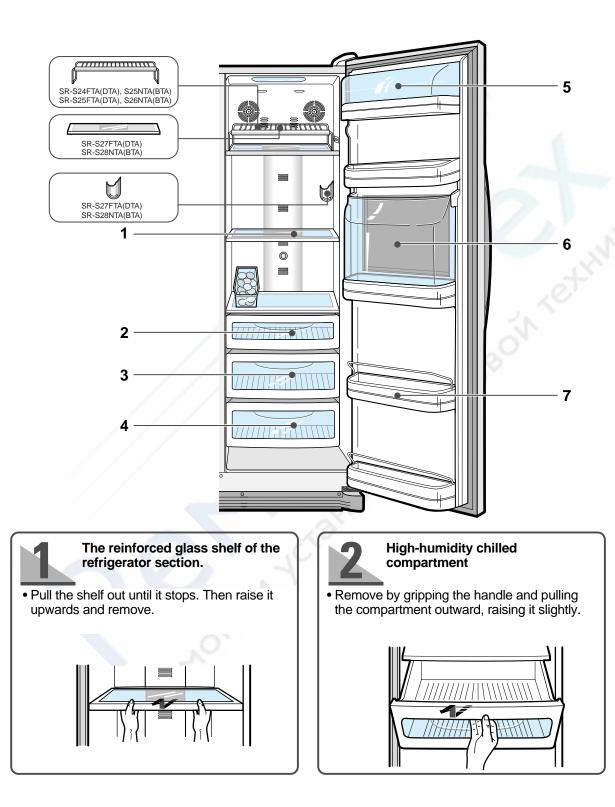
#### Leg Coverage

- After openning the doors of the freezer and refrigerator sections please remove the coverage after removing the 3 spiral pins.
- In assembling, set the cover-leg front and fix 3 screws.
- \* Disassembling is not recommended if unnecessary.

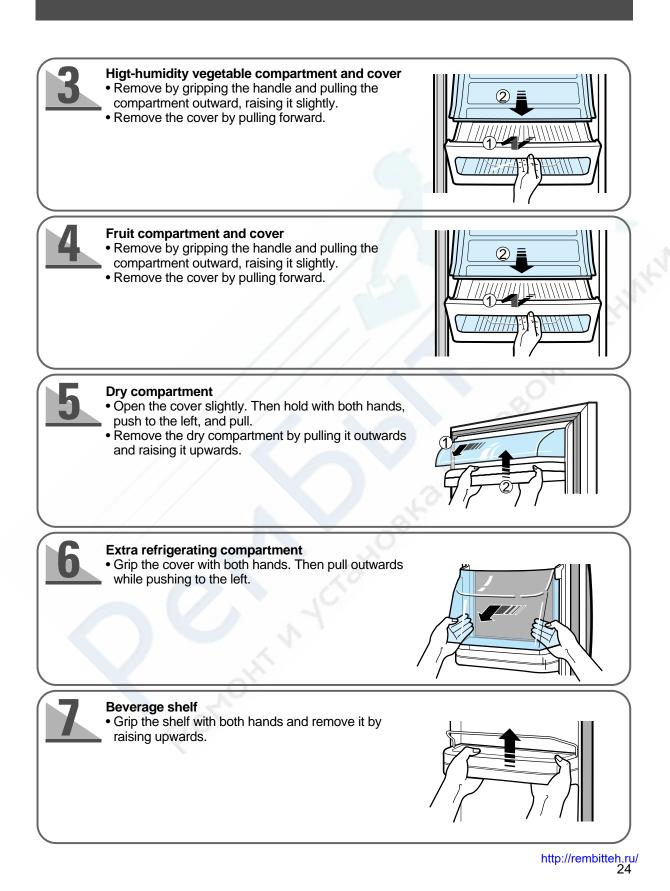




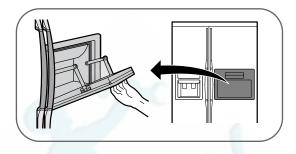
## **DISASSEMBLING METHOD FOR REFRIGERATOR**



#### http://rembitteh.ru/

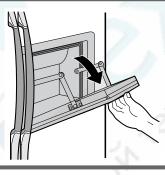


## **EXTRA REFRIGERATING COMPARTMENT**



### To gain access to the extra refrigerating compartment, grip the compartment door's handle and pull downwards.

• The extra refrigerating compartment gives you added convenience because you do not need to open the main refrigerator door. In addition, this saves energy.

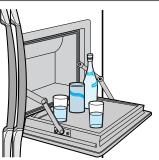


### It is recommended that you use the extra refrigerating compartment for frequently used foods like beverages.

• An automatic supply of cold air ensures that the correct temperature for food storage is maintained.

When the door is open it can be used as a tray to support items such as beverage bottles and glasses. • Do not scratch the surface of the door.







- The door of the extra refrigerating compartment should never be removed. The extra refrigerating compartment cannot function if the door is missing.
- When closing the extra refrigerating compartment's door, be careful not to put your hands or fingers in a position which might lead to them being caught or injured.
- When using the open door as a tray, do not place heavy objects on it. Do not allow children to hang from the open door. Injury or damage to the unit may result.

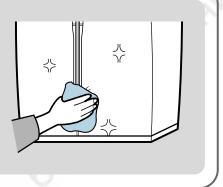
### **CLEANING METHOD FOR ACCESSORIES**

#### Inside

- Clean parts using disinfectant. Then wipe with a dry cloth.
- After washing accessories, make sure that they are dry before using.

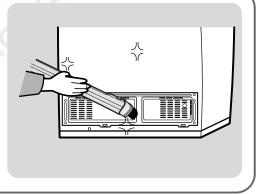
#### Exterior

- Wipe the front control panel with a clean cloth.
- The doors and door handles should be cleaned with a mild detergent and dish cloth. Make sure that they are dried with a clean cloth.
- The exterior should be polished with kitchen wax once or twice a year.



#### Back side

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



### Ice water dispenser and drainage grid (for DTA, FTA)

- Use a damp cloth to clean the ice/water dispensers. Then wipe with a dry cloth.
- Keep the Ice/water dispenser and drainage grid dry.

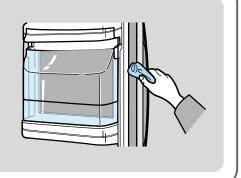
#### Extra refrigerating compartment (for FTA)

• Use a damp cloth to clean the extra refrigerating compartment. Then wipe with a dry cloth.



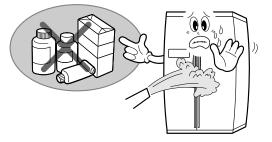
#### Rubber door seals

• If the rubber door seals are dirty, the door will not close properly and the refrigerator and freezer sections will be unable to function efficiently. Please make sure that they are cleaned with a mild detergent and a damp cloth. Then wipe with a dry cloth.





- In cleanning or long period of unuse, please remove power plug and keep dry with door open.
- Do not clean by spraying water directly.
  Don't clean with benzene, thinner or car detergent.

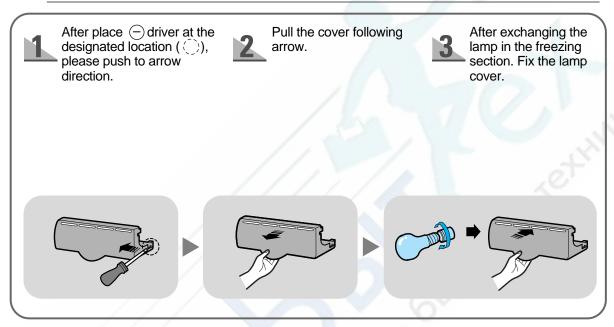


## **CHANGING THE INSIDE LAMP**

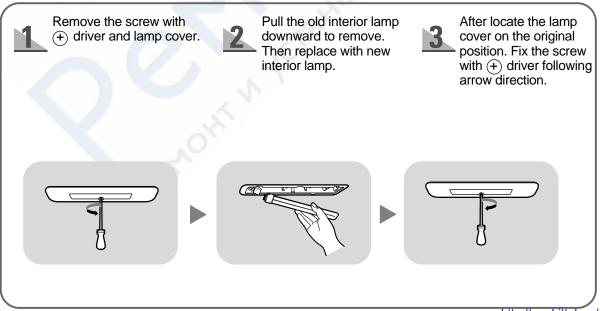


Before changing the inside lamp, make sure that your unit has been disconnected from the power supply. If you experience difficulty when attempting to change the lamp, contact your service center.

### INDOOR LAMP IN THE FREEZER



### INDOOR LAMP IN THE REFRIGERATOR



## THE ICE-MAKING FILTER



#### What is the ice-making filter?

• The ice-making filter is a device which removes impure materials from the water.

#### How do I install the ice-making filter?

- Connect the ice-making filter provided with water line tap. (Please refer to separate manual)
- Please remove the residue in the ice-making filter by passing water in it.

#### How often should I change the ice-making filter?

• Every 6 month on an ? but it may differ depending on locational specification. (the difference of water quality)

#### Filtering chemicals and purifying effect

- The ice-making filter uses carbon to filter chemicals and other impure materials.
- Purifying effect
  - ex) CARBON
    - Remove harmful chemicals in the water.

## **CHECKS PRIOR TO SERVICE REQUEST**

The refrigerator doesn't work at all or the refrigeration is weak	<ul> <li>Check whether power plug is properly connected.</li> <li>Check whether power plug fuse is blown or not.</li> <li>Is the temperature control on the front control</li> </ul>
	<ul> <li>Is the temperature control of the nonit control panel indicating WARMER?</li> <li>Does sunshine on the refrigerator or is the refrigerator located near a heat source?</li> <li>Is the back of the refrigerator too close to the wall?</li> </ul>
The foods in the refrigerator are frozen	<ul> <li>Is the temperature control on the front control panel indicating COLDER?</li> <li>Is the surrounding temperature too low?</li> <li>Did you put the watery foods into the cold place where is deep location in the refrigerating section.</li> </ul>
Unusual noise and sounds	<ul> <li>Please check whether the installation location is flat or weak.</li> <li>Is the back of the unit too near to the wall.</li> <li>Was any thing dropped behind or under the refrigerator.</li> <li>Is the noise from the compressor in the unit?</li> <li>Sound of "ticking" may be heard from the unit's inside, but it is not out of order. This sound comes when various parts are contracted or expanded by cooling unction.</li> </ul>
The front corners and sides of the refrigerator are hot. Dewdrops are made.	<ul> <li>Heat-proof pipes are installed in the front corners of the refrigerator to prevent dew.</li> <li>It can be happened dewdrops in case of high ambient temperature and moisture, door opened too long, preserve the watery foods without wrapping in the refrigerating section.</li> </ul>
Ice doesn't come	<ul> <li>Did you stop the ice-making function?</li> <li>Is there no ice in ice storage case?</li> <li>No water supply or no connection with water pipe at refrigerator?</li> <li>Is the temperature in freezer section too warm? (Select the temperature button 'COLDER")</li> <li>Did you allow 12 hours to pass after installation? It is necessary to wait for this period of time before making ice.</li> </ul>

(	
Water babbling in the refrigerator	This is a babbling of refrigerant which makes strong sound inside.
Odoring inside	<ul> <li>You did not seal the foods which have a strong odour or foreign material is tucked at the coding entrance.</li> <li>Seal foods which have a strong odour. Throw away any food which has gone off.</li> </ul>
A frost on the wall of freezing section	<ul> <li>Is the air blocked?</li> <li>Allow the space between foods to circulate air efficiently.</li> <li>Is the door closed fully?</li> </ul>
Dewdrops on the walls of refrigerating section and vegetables	<ul> <li>In cause of the opened door for a long time and preserve watery foods without wrapping.</li> <li>Air-tight storage may be necessary.</li> </ul>
No water supply	<ul> <li>Water pipe closed or no connection?</li> <li>Water pipe blocked?</li> <li>Is the water tank frozen because the temperature in the refrigerator section is too low? Select a warmer setting via the front control panel.</li> </ul>





ELECTRONICS