

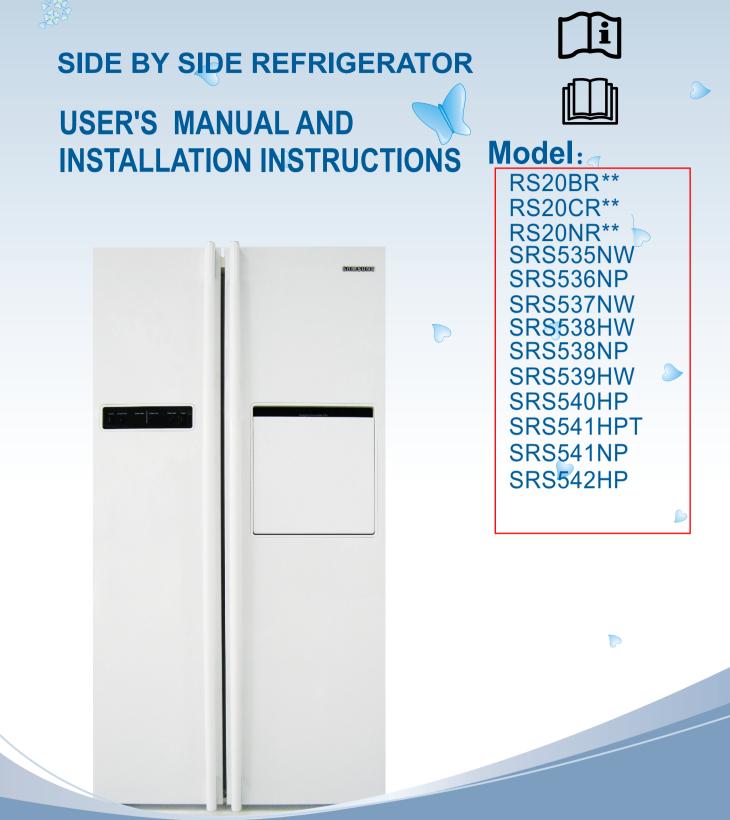
#### **Contact SAMSUNG WORLD WIDE**

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

Country	Customer Care Centre 🖀	Web Site	
AUSTRALIA	1300 362 603	www.samsung.com/au	
New zealand	0800 SAMSUNG (0800 726 786)	www.samsung.com/nz	online appliance retailer

DA68-01903E(1)





- ◆ Before operating the appliance, please read this manual carefully and keep for further reference in a handy and safe place.
- Please follow the operation instructions and the related safety precautions in this manual before your proper operation.
- Our products are improved constantly and it will not be otherwise informed if there is any change.

Free Standing Appliance



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The contents in this manual include eight models: RS20BR\*\*/RS20CR\*\*/RS20NR\*\*/SRS535NW/SRS536NP/SRS537NW/ SRS538NP/SRS538HW/SRS539HW/SRS540HP/SRS541HPT/ SRS541NP/SRS542HP. The construction of these models are similar,

therefore RS20BR\*\* is the main object described in this manual.



## AMBIENT ROOM TEMPERATURE LIMITS

This appliance is designed to operate at the ambient temperatures specified by its temperature class marked on the rating plate.

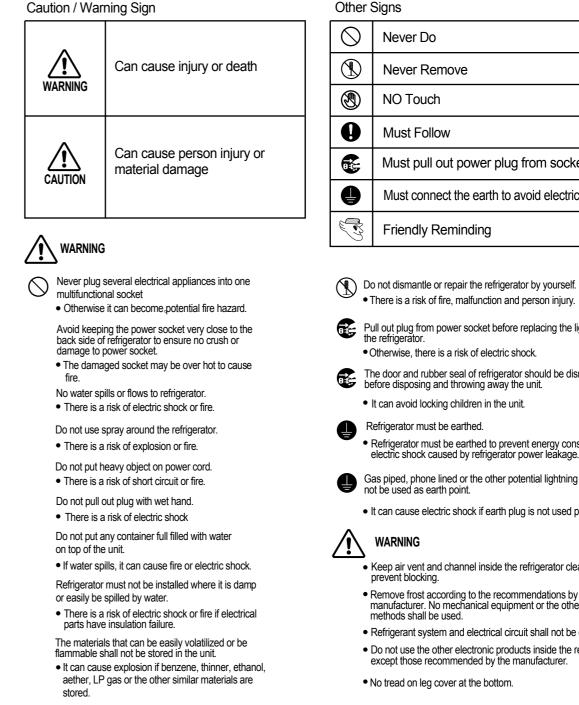
Tomporatura Class	Symbol	Ambient Temperature				
Temperature Class	Symbol	Maximum	Minimum			
Subtemperate	SN	32°C (90°F)	10°C (50°F)			
Temperate	Ν	32°C (90°F)	16°C (61°F)			
Subtropical	ST	38°C (100°F)	18°C (64°F)			
Tropical	Т	43°C (109°F)	18°C (64°F)			

NOTES: the internal temperature may be affected by such factors as appliance location, ambient temperature, and the frequency of your opening the doors. Please adjust the temperature as required to compensate for these factors.

## SAFETY PRECAUTIONS

WARNING

- Before using your refrigerator, please read this manual thoroughly and keep it in a safe place for further reference.
- are involved in various models.
- Children or weak person should not use this refrigerator without supervision.
- Take care of children and prevent them from playing this refrigerator.
- to obtain the information of refrigerant used in refrigerator.





• The features of the refrigerator you purchased may vary little bit from the descriptions in this manual as the below instructions

• R600a or R134a is refrigerant. Check the compressor power and temperature level sign on the back side of the refrigerator

#### Other Signs

	•
$\bigcirc$	Never Do
$ \mathbf{E} $	Never Remove
B	NO Touch
0	Must Follow
<b>6</b>	Must pull out power plug from socket
	Must connect the earth to avoid electric shock
and the	Friendly Reminding



Pull out plug from power socket before replacing the light bulb in the refrigerator.

• There is a risk of fire, malfunction and person injury.

- Otherwise, there is a risk of electric shock.

1

The door and rubber seal of refrigerator should be dismantled first before disposing and throwing away the unit.

• It can avoid locking children in the unit.

Refrigerator must be earthed.

• Refrigerator must be earthed to prevent energy consumption or electric shock caused by refrigerator power leakage.

Gas piped, phone lined or the other potential lightning rodd shall not be used as earth point.

• It can cause electric shock if earth plug is not used properly.

#### WARNING

- Keep air vent and channel inside the refrigerator clean to prevent blocking.
- Remove frost according to the recommendations by the manufacturer. No mechanical equipment or the other methods shall be used.
- Refrigerant system and electrical circuit shall not be damaged.
- Do not use the other electronic products inside the refrigerator except those recommended by the manufacturer.
- No tread on leg cover at the bottom.

## SAFETY PRECAUTIONS



## () Do not overfill the refrigerator with food.

- If food falls out when you open the doors, there is a risk of personal injury or material damage.
- Do not store bottles or glass containers in the freezer
- . When the contents freeze, the glass may break and cause personal injury.

If power socket is loose, do not insert plug.

• There is a risk of electric shock or fire.

Do not disconnect the power cord by pulling on its head

- Damage to the cord may cause a short circuit, fire or electric shock.
- If power cord is damaged, it must be replaced by the manufacturer, a certified service agent or qualified service person.
- Do not store articles on top of the unit.
- When you open or close the doors, the articles may fall and cause personal injury or material damage.

Do not store medicine, scientific materials and the other temperature-sensitive products in the freezer.

- Check product label to make sure the refrigeration is not prohibited.
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not let children hang on the counter and doors.



- Do not let children hang on the shelf in the unit.
- Do not let children hang on the food guard on the doors.



Refrigerant decides the refrigeration of refrigerator and it is filled into the refrigerator with special process. Ensure the piping behind refrigerator is undamaged.



Small amount of high-temperature, environmental protected Isobutane refrigerant and gas is included in the refrigerator, but they are also very

flammable. Handle the refrigerator carefully to ensure the refrigerant system is not damaged during transportation and installation of this unit.

The refrigerant leaked from the piping may be ignited or cause injury to the eyes. If refrigerant leakage is found, fire or potential fire source shall be avoided and ventilate the room where the refrigerator is for several minutes.

• The room size for refrigerator shall be determined according to the quantity of refrigerant in the appliance to avoid that the refrigerant leaked from piping circuit is mixed with the air to generate flammable mixture.

The room size for the appliance shall be calculated according to 8g of refrigerant type R600a per cubic meter. Refer to the instruction in the refrigerator for the details of refrigerant quantity in the unit.

- Do not start up refrigerator if there is any damage in the unit. Please contact dealer or service center for any query.
- If there is abnormal noise, odor or smoke, pull out the plug immediately and contact your nearest Samsung service center.
- Do not put your hand in the area underneath the unit. Any sharp edge may cause personal injury.

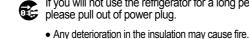
products or food stored in the freezer with wet hands.

Do not use a wet or damp cloth to remove any foreign materials from the power plug pins when cleaning the plug.

• There is a risk of burning and fire.

If you wish to move the refrigerator, hold it by handle on its back and bottom sides.

- If the appliance power is disconnected, you have to wait for at least five minutes before plugging it back
- If you will not use the refrigerator for a long period of time, please pull out of power plug.





## TROUBLESHOOTING

#### The refrigerator does not work at all or can not chill The front corners and sides are equipped with heat sufficiently radiator. It is normal to be hot. · Check that the power plug is properly connected. · The front corner of refrigerator is equipped with frost device to prevent condensation. Check that the power plug fuse has not blown. • Both sides of the refrigerator are equipped heat pipes and it is Is the temperature control set to the proper temperature? normal to be hot. • Is the refrigerator in direct sunlight or located near a heat source? There is some condensate water inside the refrigerator, Is the back of the refrigerator too close to the wall? which is normal. Condensation can result of leaving the door open too long or The food in fridge is frozen storing unwrapped food with a high water contact when outside Is the temperature control set to the proper temperature? temperature and humidity are high. Is the temperature in the room too low? There is odor inside the refrigerator • Did you put food with a high water content near the · You did not wrap food with a strong smell properly or you have coldest part of the fridge. left something in the refrigerator too long. Always wrap food with a strong smell so that it is airtight. You can hear abnormal noise or sound Always throw always the food that has gone off. Check that the floor is level and stable. Is the back of the appliance too near to the wall? Frost forms on the wall of the freezer Has anything dropped behind or under the appliance? • Is air inlet/outlet blocked? Is the noise from the compressor in the appliance?

- · A "ticking" sound may be heard from inside the appliance, but this is normal. It is caused when the various accessories contract or expand.

# GENERAL KNOWLEDGE OF REFRIGERATOR SILENCE

The refrigerator runs through compressor and lowers the temperature inside by the procedures such as refrigerant circulation to ensure the freshness and nutrition of the food inside the refrigerator. When the refrigerator is running, you may hear some slight sounds. Please take it easy because it is normal and will not have any influence on the refrigerator application.

#### Slight "humming" sound

When the compressor is running, the startup sound is slight high. High-efficient refrigerator has higher sound due the strong working capacity of the compressor.

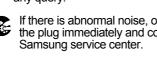
## 2

#### Air or Water flow Sound

The temperature inside the refrigerator can be lowered guickly when refrigerant is flowing in the pipes. There are two kinds of refrigerants, gas and liquid. Slight sound may be heard during its flowing.



When starting and stopping the refrigerator, the electrical components such as main control panel, startup breaker and heat protector give off "Clattering" sounds because of being constantly on or off.



Do not touch the inside wall of the freezer or It may cause frostbite.

6			
	E	Л	
L	_		

- · Always allow sufficient space between the food items for efficient air circulation.
- Is the door closed properly?



#### Slight "Whishing" Sound

A fan is installed inside the refrigerator to improve air circulation. When the fan is running, it will gives off the sounds of air flow and motor running. In the other hand, the fan running can ensure that the temperature inside can be decreased rapidly and evenly, which have great impact on keeping food fresh and nutritional; on the other hand, the fan running can increase the cooling effects of the refrigerator.

## Frost Crack Sound and "Pooping" Sound

When the refrigerator is running, due to the variation of temperature differences, the food is frost cracked or evaporator and pipe line gives off "pooping" sound due to hot expansion and cold contraction.

# ADJUSTING DOOR CLEARANCE



## Adjusting the slight differences between the doors.

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



If the door of freezer is higher than that of fridge.

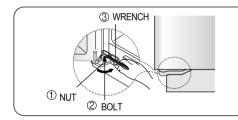


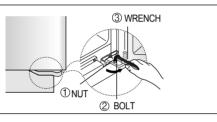
Please open the doors and adjust the doors as follows:

1) Release the nut ( ) on the lower hinge until the upper end the upper end of the bolt ( ).

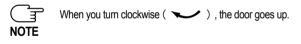
Ĵ. NOTE

When you release the nut ( ), use hexagonal wrench ( ) to turn the bolt ( ) a little counterclockwise to make the nut ( ) loose with your fingers.



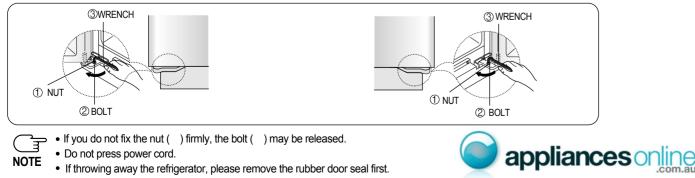


2) Please adjust height difference between the doors by turning the bolt ( ) clockwise ( ), or counterclockwise ( ).





3) After adjusting the doors, turn the nut() clockwise ( 💛 ) until the lower end of the bolt, and then tighten the bolt again with the wrench () to fix the nut ().



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# **PREPARING THE APPLICANCEFOR USE**

Once you have performed the following steps, your refrigerator should be fully operational. If not, please check the power supply and electricity source. If you have any doubts or problems, please contract your nearest SAMSUNG service center.



Place the shelves and containers which were removed for transportation in their appropriate positions (refer to pages 8 to 9).



Clean the freezer/refrigerator and accessories to remove any dust accumulated during packaging and shipping (refer to page 9).



When the refrigerator is plugged in, the interior bulb should light every time the refrigerator interior door is opened.

## **FEATURES**

#### Multi-flow System

• Cooling air circulates through each vent This provides even distribution of cooling strength inside the refrigerator and keeps food fresh for a long period of time.

#### **High Humidity for Fresher Food**

• You can keep food, fruits and vegetables fresh for a long period of time because your refrigerator supplies very humid cooling air.

#### Door Alarm

• If the refrigerator door is kept open for more than two minutes, the musical alarm is automatically triggered. This feature helps you save energy and preserve stored food.

#### **Bar Counter Feature**

• It is convenient to store frequent-used drinks and food and reduce the cold air loss in the unit.



Set the temperature control to the lowest temperature and wait for one hour. The refrigerator should not be slightly cooled and the compressor should run smoothly producing soft humming noises.



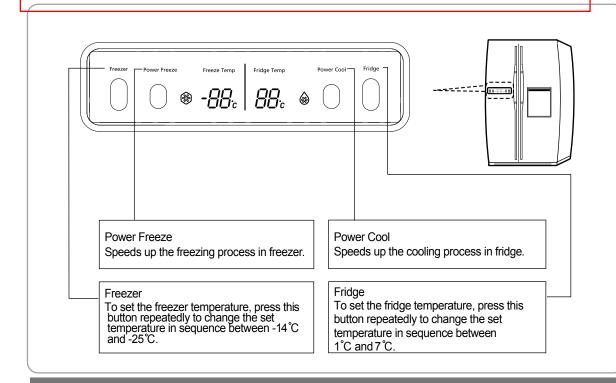
Once the refrigerator temperature is sufficiently low, you can begin storing food inside. Please be advised that it takes a few hours to reach the appropriate temperature after the refrigerator is running.



verify voltage range, electrical wire and socket can stand the electrical circuit above 10A before power is connected.

#### **CONTROL PANEL**

(RS20BR\*\*/RS20CR\*\*/SRS538HW/SRS539HW/SRS540HP/SRS541HPT/SRS542HP)



## **DIGITAL PANEL**



Freeze Temp: indicate the current freeze temperature. Fridge Temp: indicates the current fridge temperature.

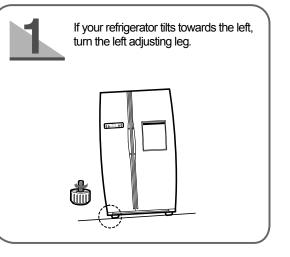
• This light is on when you pressure the Power Freeze button. Power Freeze Press this button to make the freezer reach the set temperature quickly. ()• Press this button again to cancel the Power Freeze mode. • This light is on when you press the Power Cool button. Power Cool Pressure this button to make the fridge reach the set temperature quickly. • Pressure this button again to cancel the Power Cool Mode. The inside temperature of the applicance will increase if a large amount of hot articles are stored at the same time, or the doors are opened frequently or for a long time. Note If you need to freeze large amount of food stuff, set the temperature of freezer compartment as the coldest temperature before you turn on the Power Freeze Button. 4

# **INSTALLING REFRIGERATOR**



When you adjust the refrigerator level, set the front legs slightly higher than the rear legs so that you can open and close the doors more easily.

First disassemble the leg cover and then adjust the refrigerator level.



#### **EARTHING THE APPLICANCE**

WARNING ∕!∖

> The appliance must be earthed before use. You must earth the refrigerator to prevent any power leakage or electric shock caused by current leakage from the appliance.

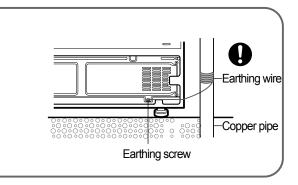
Never use gas pipes, phone lines or other potential lightning rods as earthing.

#### Never use unearthed power plug.

Connect the earthing wire (yellow/green or green).









# **INSTALLING REFRIGERATOR**

#### ENVIRONMENT

Please dispose of the packaging materials for this product in an "environmentally friendly" manner. For further detail, please contact your local area authority.

## Check the dimensions of your entrance door.

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

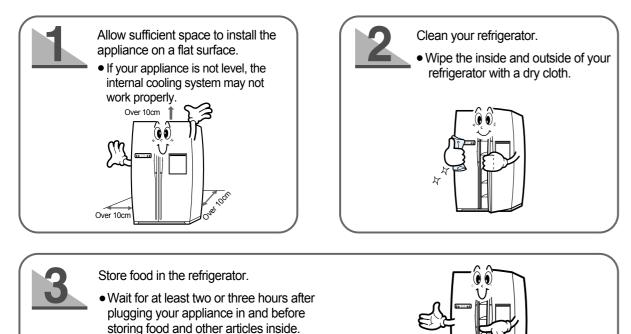
#### \* Dimension of the Appliance

	Dimension (mm)	Remarks
Width	855	
Depth	756	With door
Height	1728	With hinge

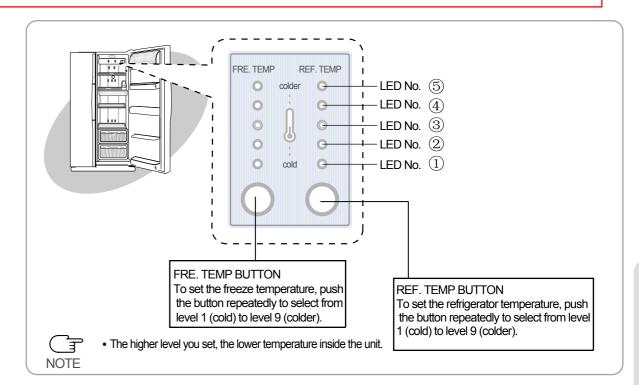
Remove all packing materials:

Remove the foam pad for the appliance before using it.

Allow a clearance of 10cm to the right, left and rear side when installing the appliance; as this will help to reduce power consumption.



#### TEMPERATURE CONTROL (RS20NR\*\*/SRS535NW/SRS536NP/SRS537NW/SRS538NP/SRS541NP)



## **TEMPERATURE CONTROL**

#### FREEZE

- The freeze temperature can be set to any level from level 1 (cold) to level 9 (colder).
- Press FRE. TEMP button repeatedly until the desired level is reached. - At each level, the LED indicators turn on or off as shown on the table.

#### Refrigerator

- The refrigerator temperature can be set to any level from level 1 (cold) to level 9 (colder).
- · Press REF. TEMP button repeatedly until the desired level is reached. - At each level, the LED indicators turn on or off as
- shown on the table.
- ( <sup>1</sup> <del>-</del> NOTE

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- and normal recommended setting is NORMAL.
- If you need to freeze large amount of food stuff, set the temperature of freezer compartment as the coldest temperature at least 24 hours before.





## **Control Level Table**

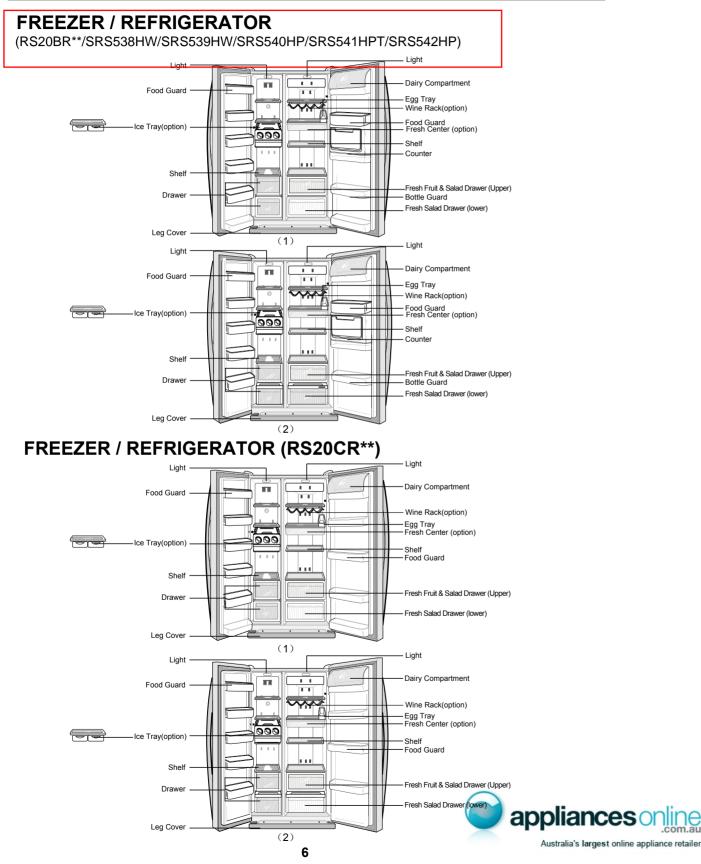
Deference	V	1							
Reference	Cold Normal Cold						er		
LED	5	6	5	6	5	6	5	5	$\bullet$
CONDITION	4	4	4	4	4	4			$\bullet$
• (On)	3	3	3	3	lacksquare	●			$\bullet$
$\bigcirc (Off)$	2	2	lacksquare	●	lacksquare	lacksquare			lacksquare
${\displaystyle \bigoplus}({\sf Blink})$	ullet	●	ullet	lacksquare	ullet	lacksquare	lacksquare		lacksquare
Level	1	2	3	4	5	6	7	8	9

※ At level 2, 4, 6 and 8, LED marked with (●) will fully light up after blinking for 5 seconds ().

• For your convenience, your refrigerator temperature control has been preset in the factory. • Refrigerator temperature controller shall be set as "NORMAL" (level 5: -20 for Freeze and  $\frac{3}{3}$  for Fridge if your refrigerator is installed first time or has been switched off for a long time.

 When accidental power off happens and the power is reconnected, please check the status of temperature controller. User is suggested to set according to your actual application conditions

# **OVERVIEW OF YOUR REFRIGERATOR**



# **CLEANNING THE ACCESSORIES**

#### Inside

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

#### Exterior

- The doors and door handles should be cleaned with a mild detergent and cloth. Dry them with a clean cloth.

· The exterior should be cleaned once or twice a year.



WARNING

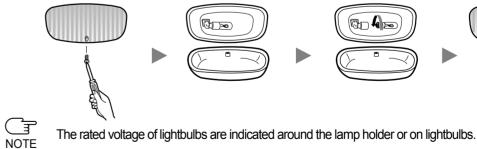
• When cleaning the appliance or if the appliance will not be used for a long time, always turn the power off, leave the doors open and keep the appliance dry. · Do not clean it by spraying it directly with water. Do not clean it with benzene, thinner or car detergent.

## **REPLACING THE LIGHT**

## LIGHTBULBS

Before replacing the light bulbs, unplug the appliance from the power supply. If you meet difficulties when you attempt to replace the light bulbs, please contact your WARNING nearest SAMSUNG service center.

Remove the lamp cover. Use the screw driver to remove the screws securing the lamp cover.



## LED LIGHT



Do not replace LED lamp privately and please contact the specialized repair staff if necessary. And make it sure that the new LED lamp is the same as the old one.Do not break the lamp cover .

#### Rear

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



#### **Rubber Door Seals**

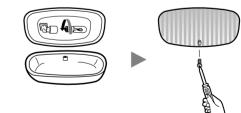
• If the rubber door seals are dirty, the door will not be closed properly and the refrigerator will be unable to run efficiently.



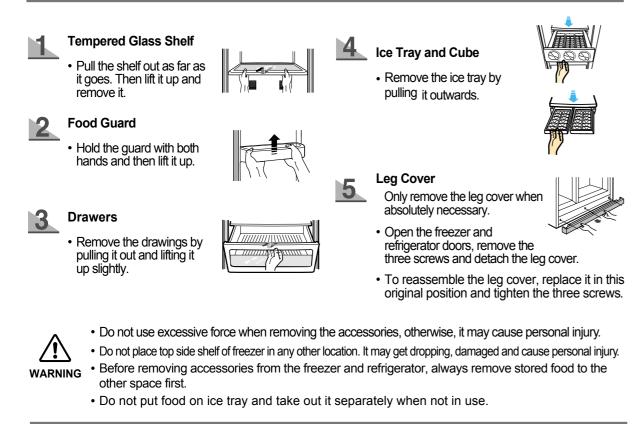
Clean them with a mild detergent and damp cloth. Then wipe them with a dry cloth.



After replacing the bulb, reassemble the cover with the screw.

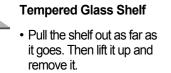


## **REMOVING ACCESSORIES FROM THE FREEZER**



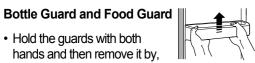
## **REMOVING ACCESSORIES FROM THE FRID**

3





· Hold the guards with both hands and then remove it by, lifting it up.





#### Counter • Hold the food quard with both hands

- and remove it by lifting it up. · Hold the counter compartment with
- both hands and remove it by lifting it up.
- Follow the sequences (first, remove food guard, and then remove counter compartment).

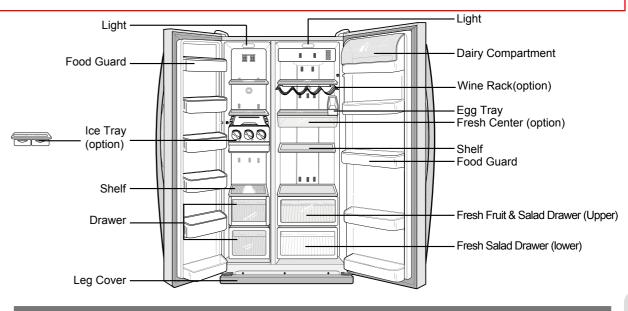


pulling the drawer outwards and lifting it up slightly.

- · Remove the lower shelf by pulling it outwards.
- · Follow the sequences (first, remove fresh fruit & salad drawer before removing the lower shelf).
- Lower shelf can be damaged if you do not follow the sequences.

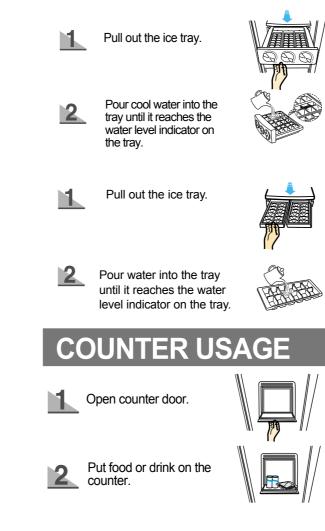


## FREEZER / REFRIGERATOR (RS20NR\*\*/SRS535NW/SRS537NW/SRS538NP/SRS541NP)



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# **MAKING ICE**



(Step 1)

Place it inside ice tray.

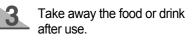


- Turn ice tray button and the ice automatically full into the below ice compartment after release. Pull out ice storage compartment for ice.
- Shelf or on the freezer shelf.





To separate individual ice 4 cubes, pull out the ice tray and hold the ice tray by its ends, then twist it gently.

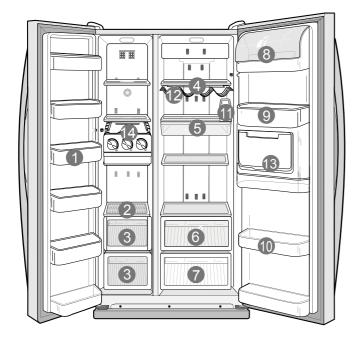




Close counter door.



# FOOD STORAGE GUIDE



## FOOD STORAGE GUIDE



#### **Food Guard**

For storing small packages of frozen food.



3

## **Tempered Glass Shelf**

For storing all types of frozen food.

#### Meat and Dry Goods Storage Compartment

 For storing meat and dry goods. Stored food should be wrapped securely using foil or other suitable wrapping materials.

## 4

## **Tempered Glass Shelf**

Can be used safely.

## 5

## Fresh Center (option)

 Preserve the taste of food and prolongs its freshness. Use the fresh center to store cheese, meat, snacks, fish or any food to be used quickly.











# FOOD STORAGE GUIDE

Fresh Fruit & Salad Drawer(upper) 6 • Store vegetables and fruits. Fresh Fruit & Salad Drawer (lower) 7 · Store vegetables and fruits. • This drawer is comparatively air tight and the food installed in this drawer and other food in the freezer will not affect with each other, therefore it can receives its taste inside freezer.

- **Dairy Compartment** 8
  - · Stores fatty food, like butter and cheese
- Food Guard 9 · Stores small packages of milk and yoghurt etc.
- **Bottle Guard** 10 · Stores various types of bottles and cans.
- Egg Tray 11 · Stores eggs in egg tray and then place the tray on the tempered glass shelf.

12 Wine Shelf Stores wine for a short time.

13 Counter · Can take drink and food conveniently.

Ice Tray 14

· For ice making. It can be put outside when not making ice.

(III) • Food stored under ambient temperature of 5°C or lower can be frozen.

- same time. The temperature returns to normal usually after twenty-four hours. • There should be several others when the refrigerator reaches the proper temperature after it starts up. Please put in food after the temperature is sufficiently low.
- after they are cleaned dry.
- not be affected and running loads will not be increased. There may be fog on the surfaces of inside accessories when freezer door is opened, which is normal.
- is very high, which is normal.
- the factory.



NOTE • The temperature inside the refrigerator can be increased if a large amount of hot articles are put in at the

• For liquid or very humid food (such as fruits and vegetables), they should be stored in sealed condition or

Do not open the doors frequently or keep it open for a long period time so that the refrigerator efficiency will

• There is small amount of condensate water partially in the refrigerator when the surrounding temperature

• During making ice, do not use hot water and it is recommended not to change the location of ice tray set in















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