



# Operating Instructions

Refrigerator / Freezer Combination

**FCA375..**

Code : C33A-4

## Disposal of Used Electrical & Electronic Equipment



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries there are separate collection systems for used electrical and electronic product. With the correct disposal of it, you can protect environment and human health from potential hazards arising out of unsuitable disposal. The recycling of materials will help conserve natural resources.

Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## Safety Warning



This appliance contains a certain amount of isobutane refrigerant (R600a), a natural gas with not only high environmental compatibility but also combustibility.

In case of transportation or installation of the appliance, meticulous care is required for no parts of refrigerating circuit to be damaged. Refrigerant squirting out of the pipes could ignite or cause eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and ventilate the area for several minutes.

- To prevent the creation of flammable gas-air mixture occurred from the leak in the refrigerating circuit, appliance should be sited in the room more than 1m<sup>3</sup> per 8g of R600a refrigerant inside the appliance. The amount of refrigerant is shown on the identification plate inside the appliance.
- In case of any sign of damage or doubt, never operate the appliance and consult also combustibility.

## RoHS (Directive 2011/65/EU) Compliant



This product is environmentally sound and sustainable free from Pb, Cd, Cr+6, Hg, PBBs and PBDEs restricted in accordance with the Directive.

## Observe Ambient Temperature

This refrigerator is designed to operate in ambient temperature specified by its category, which is marked on the rating plate.

Climate Category	Ambient temperature from... to
SN	+10°C to +32°C
N	+16°C to +32°C
ST	+16°C to +38°C
T	+16°C to +43°C

## NOTE

Internal temperature may be affected by such factors as the location of the refrigerator, ambient temperature and frequency of the door opening. Adjust the temperature as required to compensate for these factors.

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# Installation Instructions

## Suitable Installation Place

### Solid and level floor

- Unstable installation causes vibration and noise of refrigerator.
- Wooden floor or carpet can be discolored under the refrigerator.
- Doors look hanged down due to the twist of refrigerator unless it is leveled.

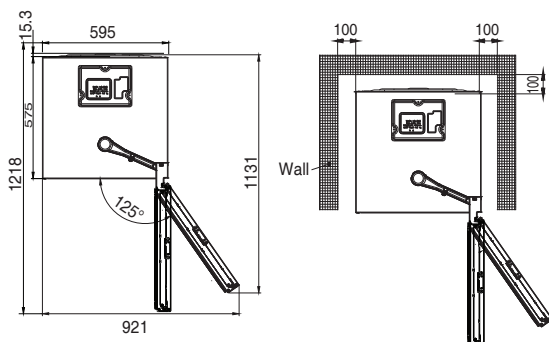
### Shady and humid place

- Direct sun rays, side heat of stove and gas range can weaken the refrigerating power.
- Avoid location by a sink or where moisture and water can cause rust and corrosion.
- Avoid location where moisture can cause electrical problems.
- Use hard board or plank on the concrete/cement floor.

## Installation of the Appliance

The space required for installing the appliance is shown below. (unit: mm)

- More than 10cm from 3 sides(left, right, and back) is good enough for ventilation.
- Insufficient space causes the noise of vibration, weakening of refrigerating power and the waste of electricity.



## Grounding

Grounding terminal is the green one connected to the power cord in the back of refrigerator.

### Grounding is necessary at

the place where water splashes easily;  
humid basement;  
any wet or watery place.

### Grounding with grounding wire

Copper plate connected with ground wire is to be buried 25cm deep in the ground.

### Grounding with short-circuit breaker

Short-circuit breaker is necessary in wet floor like fish shop, kitchen of restaurant and etc...

### Grounding is not necessary

in case of using side-grounded outlet.

### Don't connect the ground wire to

water pipe, gas pipe, telephone line or lightning-rod due to the possibility of explosion or fire.

## Correct usage of Refrigerator

### Plug in the refrigerator right after installation.

- Once the refrigerator is plugged in, make sure the interior light comes on when you open the doors.

Set the temperature of both compartment to "MAX" to conduct the preparatory run for 2 or 3 hours.

Once inside of refrigerator is cooled enough, then put the food in the refrigerator.

- \* When ambient temperature is high in midsummer, do not open and shut the doors frequently after installation.

## Installation of height adjustment feet for leveling

Level refrigerator to rest solidly on the floor.

There are two leveling feets under each front corner of refrigerator.

Turn leveling feets clockwise to raise the refrigerator and turn it counter-clockwise to lower.

Use shims under the rear corners if necessary.

- If you want the door of refrigerator to be closed smoothly and not to be open easily, adjust the front feets to be raised horizontally.

# Safety Instructions

## **WARNING**

Improper use can cause physical damage - personal injury.

## **CAUTION**

Improper use can cause injury or material damage to the household.



BE SURE TO KEEP



PROHIBITION



DO NOT DISASSEMBLE



DO NOT TOUCH



UNPLUG



GROUND

**If the power cord of refrigerator is damaged, have it replaced at a repair shop or the manufacturer, as special tools are required. Allow 5 cm or more clearance over wall, side and rear plate of the refrigerator for good air circulation.**



## **WARNING**

### **VENTILATION**

In case of gas leakage, ventilate the room instead of unplugging the refrigerator.

- Explosion or fire may occur.

### **ATTENTION**

Do not eat any frozen food immediately after taking out of freezer.

- You may get cold burns if you have it.

### **CLEAN PLUG**

Unplug and clean it with dry cloth if dirty.

- Dusty and dirty plug may cause fire.

### **NO**

Never install the refrigerator at humid place or the place where water splashes easily.

- Short circuit or fire may occur if you do it.



### **EXCLUSIVE POWER OUTLET**

Use exclusive power outlet for the refrigerator only.

- Several plugs in an outlet may cause fire. Do not use a double outlet or extension cord.



### **DISCARDING**

When discarding the refrigerator, remove the door packing.

- Children may be trapped inside of it.



### **NO**

Do not put heavy things or water containing tanks on top of refrigerator.

- It is dangerous when heavy things falls down or short circuit occurs with the leak or spill of water.



## **WARNING**

### **NEVER USE**

If there is burning smell from refrigerator, unplug it to stop running.

- It is very dangerous to leave refrigerator to run abnormally.





### NEVER USE

Never use any spray near the refrigerator.

- It can cause danger of explosion.



### NEVER TOUCH

Do not plug in or out the cord with wet hands.

- You can get shocked by electricity if you do it.



### NEVER STORE

Store only food in the refrigerator.

- Do not store medicines, flammable things, study samples or etc...



### WARNING

### NEVER TOUCH

Do not use any sharp tools when cleaning the inside.

- The cooling system can be damaged or there may be electric shock.



### UNPLUG

Unplug first when exchanging the bulb and/or cleaning the refrigerator.



### NO

Do not allow children to hang on the doors.

- The refrigerator may be tipped over to hurt children.



### UNPLUG

Grip the whole plug body when you unplug.

- Holding only the wire can cause electric spark or short circuit.



### NEVER USE

Never use plug if it is loose.

- There can be electric shock or fire by short circuit.



### UNPLUG

When not using refrigerator for a long time, unplug and take all the foods out.

- In case of power failure, foods may decay and other accident (short circuit, fire etc.) can happen.



### NEVER EAT

Never eat the deteriorated food stored in the refrigerator too long or in malfunctioned refrigerator.

- You can be poisoned by food if you have it.



### GROUNDING

Be sure to ground.

- There is a danger of electric shock due to short circuit or mal-function.



### NEVER DISASSEMBLE

Do not repair the refrigerator on your own.

- It can work abnormally and cause a bigger trouble.



# Safety Instructions



## WARNING

### MOVING / CARRYING

When you move the refrigerator, take all foods out and empty water in ice box and evaporation dish.

- Food may be damaged inside the refrigerator and you can slip on watery floor with leak or spill of water.



### HEIGHT ADJUSTING FEET

When you adjust leveling feets, lift the refrigerator a little bit.

- It is hard to adjust leveling feets in normal standing of refrigerator without lifting it.



### MOVING / CARRYING

Lift the refrigerator up enough not to scratch a soft floor.

- Front and rear wheels under the refrigerator may scratch the floor.



### INSTALLATION

Place on a solid and level floor.

- Unstable installation causes distortion of cabinet and doors.



### HEIGHT ADJUSTING FEET

When moving and carrying the set, turn the feet up.

- If the feet touch the floor, they can be broken or the floor may be scratched.



## WARNING

### DOOR HANDLES

Opening and shutting doors, hold door handles, not other parts.

- Your fingers may be jammed in between.



### HAND OVER

Handing over this refrigerator, you'd better give user's guide together to him/her.

- New user may not know well how to use this refrigerator.



### ATTENTION

Foods should not protrude from shelves.

- They can fall down and/or be broken when opening the door.



### DO NOT TOUCH

Do not directly touch the surface of food or containers in the freezer compartment.

- Skin can be easily adhere to the cold surface and hurt especially in case of wet or clammy hands.



### FOOD STORAGE

When you store foods in the pockets, push in deep down the pocket bottom.

- Tall bottles may fall down or the pockets can be broken.



**CAUTION**

If there is water or oil on the floor around refrigerator, wipe it out.

- There is danger of slipping over to be hurt.

**FORBIDDEN**

Do not store bottles, cans or canned food in the freezer compartment.

- They can be broken or exploded as it freezes.

**DO NOT TOUCH**

Do not reach out your hands or legs under the refrigerator (when cleaning under the refrigerator).

- You can be hurt by rough edges and parts under the refrigerator.

**CAUTION**

When purchasing deep-frozen food, comply the following.

- Check the sell-by date.
- Use the deep-frozen food before the sell-by date runs out.

**CAUTION**

Please check(observe) either the maximum volume of storage or the expiry date of frozen food. Do not put new foods to be stored near to existing frozen food in a freezer.

**CAUTION**

Do not block air vents with food. It can obstruct free air circulation in the each compartment.

**CAUTION**

This appliance can be used by 1) children aged 8 and over or 2) persons with reduced physical/sensory/mental capabilities or lack of knowledge/experience if they were given the supervision or instruction concerning the use of appliance in a safe way and understand safety hazard enough.

- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.

**CAUTION**

Opening the door of refrigerator frequently or cleaning of refrigerator (freezer) may result in reduced storage life of food due to the increase of temperature inside of appliance.



# Safety Instructions

## CAUTION

When refrigerator is sited in the circumstance below the minimum degree of designated ambient temperature for a long time, the appliance might not operate consistently and frozen foods/contents can be defrosted due to the increase of temperature accordingly.



## CAUTION

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.



## CAUTION

R-600a or R-134a is used as a refrigerant. Check the compressor label or the rating label to see which refrigerant is used for your refrigerator. When this product contains flammable gas (R-600a or R-134a), please be aware of following.



- Keep ventilated well in appliance enclosure or built-in structure by clearing of obstructions.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.

## CAUTION

C-Pentane is used as an insulation blowing gas.



The flammable insulation blowing gases require special disposal procedure.

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



# Troubleshooting Guide

## Before calling for service, check the followings.

### Foods freeze in the fresh food compartment

- Has the temperature been on "MAX" continuously?
- Is the temperature near refrigerator less than 5°C?
- Was moist foods such as vegetables placed just in front of the cold air duct?

### Refrigerator never get cold.

- Is it unplugged?

### Refrigerator does not get cold enough.

- Has the temperature been on "MIN" continuously? Set the temperature to "NORMAL".
- Has too hot food put in? Check food storage state.
- Is the inside filled with too much food?
- Is either door open or did you open and shut the doors too often?
- Is there a gas range or a stove near the refrigerator? Is it in direct sun-light? Check the installation place.

### Refrigerator is noisy.

- Is the floor firm and level or the refrigerator levelled well ?
- Is the back of refrigerator touching the wall ?

### Moisture collects inside.

- Check if either door is open.
- Did you leave the doors open too long or is moist food put with its lid off ? Moisture disappears naturally if doors are closed, but it's better to wipe it off with dry cloth.

### Water is flowing out when moving the refrigerator.

- Have you dried and emptied the evaporator dish?

### Something smells.

- Air ducts blocked with foods ?
- Is strong odoring food stored unwrapped ? Check the food storage state.
- \*Since the vegetable case leave closed inside the refrigerator, deodorization is ineffective inside the vegetable case.

## Refrigerator Is Not Wrong or Out of Order In These Cases...

### Moisture is forming on cabinet surface !

- Moisture can be formed during the rainy season or through continuous hot and humid days. Wipe out the surface with dry cloth.

### It sounds water-flowing in the refrigerator.

- The sound can be heard when the compressor stops. When refrigerant to cools down, the system can make such a sound.

### Doors do not open easily.

- Such case happens when you open the door right after closing it. Do not try to force the doors to open; wait about 30 seconds or so.

### Front feels warm.

- Front part of cabinet may feel warm because of the hot-pipe to prevent the forming of moisture.

### Cracking sound comes out of the inside.

- When the parts inside shrink and expand due to temperature change, such sound can be heard.

### Freezer compartment door is slightly opened by itself but not fully closed

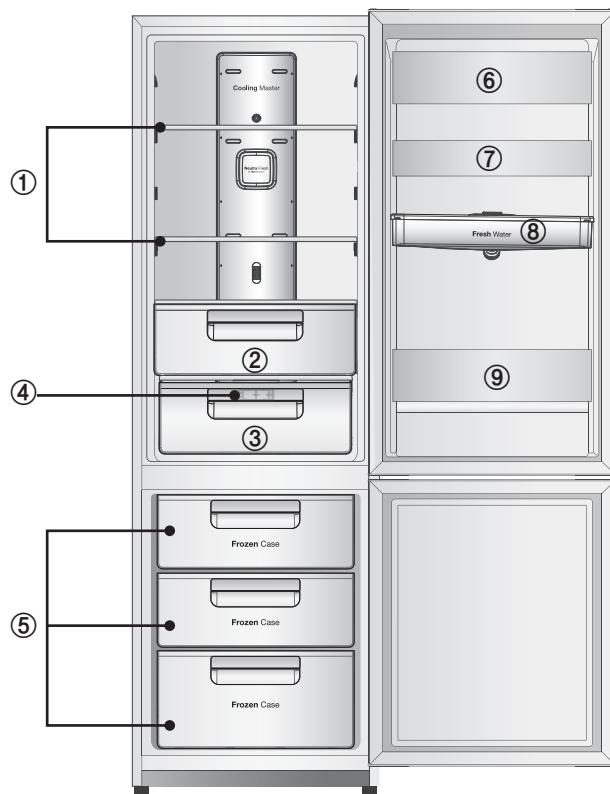
- When you shut the fresh food compartment door quickly, freezer compartment door is slightly opened of itself but not fully closed since air pressure occurred by shutting the fresh food compartment door influences the freezer door to be slightly opened.

### Frost forms inside the fresh food compartment

- When you open and close door of refrigerator frequently in hot and humid surroundings, frost forms inside the fresh food compartment. When you store watery food unwrapped, frost may also form. It is all because of the moisture in the air trapped inside the refrigerator.

# Description of the appliance

## Interior Features (Type I)



( \* The real features are model dependent! )

### ① Shelves

- Provided to store day to day food.

### ② Vegetable Plus

- Keeps vegetable fresh at optimal humidity level.

### ③ Vegetable case

- Keeps vegetables fresh at optimal humidity level

### ④ V-Healthy LED (Option)

- V-Healthy LED is installed at the back of fresh-food compartment drawers.
- \* It operates automatically at regular intervals in order to keep vegetable more fresh and longer.

### ⑤ Freezer Case

- Put the ice box left side in the top case to make ice fast.
- store frozen food.

### ⑥ Dairy Pocket (Option)

- Store dairy products

### ⑦ Pocket

- Storing short bottled food, packed drinks and spice containers, etc.

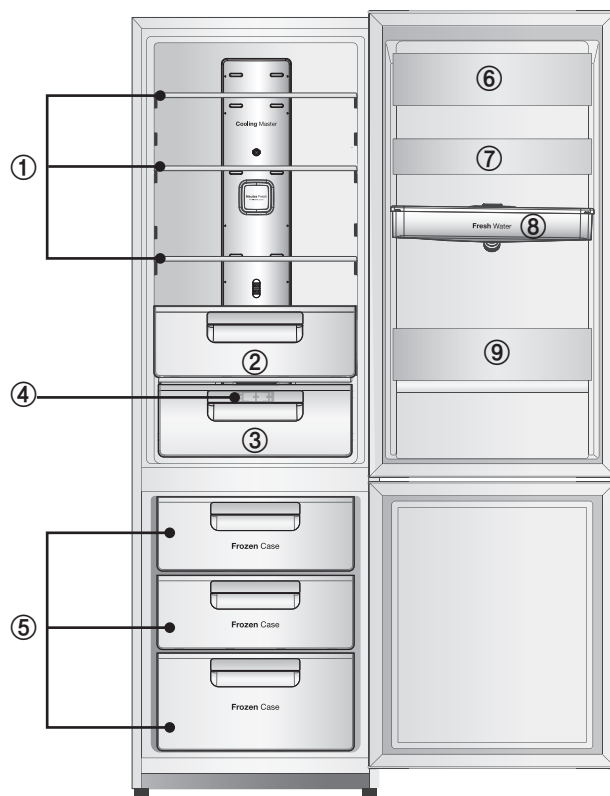
### ⑧ Tank Water AS (Option)

- Use only water
- Prior to using the water dispenser, fill it with water

### ⑨ Pocket Jumbo

- Storing big bottled drinks, juice, etc

## Interior Features (Type II)



( \* The real features are model dependent! )

### ① Shelves

- Provided to store day to day food.

### ② Vegetable Plus

- Keeps vegetable fresh at optimal humidity level.

### ③ Vegetable case

- Keeps vegetables fresh at optimal humidity level

### ④ V-Healthy LED (Option)

- V-Healthy LED is installed at the back of fresh-food compartment drawers.
- \* It operates automatically at regular intervals in order to keep vegetable more fresh and longer.

### ⑤ Case F

- Put the ice box left side in the top case to make ice fast.
- store frozen food.

### ⑥ Dairy Pocket (Option)

- Store dairy products

### ⑦ Pocket

- Storing short bottled food, packed drinks and spice containers, etc.

### ⑧ Tank Water AS (Option)

- Use only water
- Prior to using the water dispenser, fill it with water

### ⑨ Pocket Jumbo

- Storing big bottled drinks, juice, etc

# Temperature control

## 1. Freezer compartment



The control has three setting from LOW to HIGH.

## NOTES ON FREEZING AND STORAGE

1. Follow storage times indicated by the frozen food manufacturer. Make sure that the packaging is undamaged.
2. Save energy : minimize opening of the door by storing identical food items together.
3. Items suitable for freezing : meat, poultry, fresh fish, vegetables, fruits, dairy products, bread, baked goods, pre-cooked meals.
4. Items not suitable for freezing : lettuces, radishes, grapes, whole apples and pears, fatty meats.
5. When you freeze food yourself, pack it in appropriate quantities. In order to freeze food right through do not exceed the following quantities to best preserve the quality:
  - fruits and vegetables : up to 1kg,
  - meat : up to 2.5kg.
6. Blanch vegetables after washing and cutting them. (2-3 minutes in boiling water; then quickly cool them down in cold water. When you use a steamer or microwave oven, follow the operating instructions).
7. Keep packs dry in order to avoid them freezing together.
8. Freeze fresh food separately from already frozen foods.
9. Do not salt or season fresh food or blanched vegetables before freezing. Other foods may be lightly salted or seasoned. The intensity of flavor of some spices can change.
10. Use materials or containers specially suitable for freezing in order to avoid loss of quality.
11. Write contents and date of freezing on the packs. Do not exceed the storage time indicated in order to preserve quality.
12. Do not freeze bottles or cans with carbonated drinks, cause they might burst.
13. Take out as much food as is immediately required for thawing. Prepare it as soon as possible after thawing.

## WHEN PURCHASING FROZEN FOOD

1. Make sure that the packaging is undamaged (damage may have caused the food to deteriorate). Bulging packs or packs which are marked with liquid stains could have been improperly stored and may have been partially thawed.
2. Leave frozen food purchases until last and transport the items in insulated bags.
3. Place the items in the freezer as soon as possible.
4. Do not refreeze partially thawed food. Consume it within 24 hours.
5. Observe the date of consumption and storage information.

## 2. Fresh food compartment

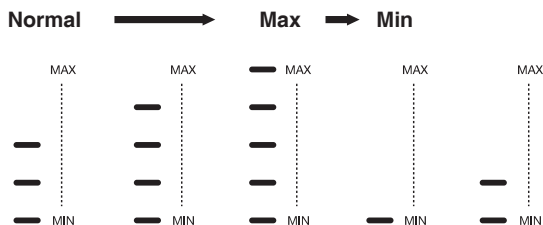
### 2-1. Control panel (FCP)\*



- ① Temperature control button for refrigerator compartment
- ② Function button for switch 'Super', 'Eco' mode
- ③ Temperature indicator of refrigerator
- ④ Super cool mode indicator
- ⑤ Eco mode indicator

### 2-2. Temperature control (FCP)

- Normal Mode (3rd light up) starts when the refrigerator is first plugged in.
- The temperature values are indicated gradually from the highest to the lowest temperature.



#### Super Mode



Function for rapid cooling of meat, foods or drinks which are to be stored in the refrigerator compartment. Whenever the 'Func' button is pressed, the 'Super' mode On / Off.

#### Eco Mode



Function for weak cooling to save the energy. Whenever the 'Func' button is pressed, the 'Eco' mode On / Off.

#### Defrost Control

- This refrigerator is frost free, which means there is no need to manually defrost. It will be carried out automatically.
- If you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozed food in several layers of paper such as newspaper.



#### Caution

Foods in the refrigerator can be frozen if the ambient temperature of the refrigerator is below 5°C.



- In case either the freezer or refrigerator door is left open for more than 3 minutes, door alarm rings for 5 minutes with 1 minute intervals.
- Display off function
  - If no button is pressed or door is not operated for 1 minute, all LED lights on the display panel are turned off automatically.
  - When button is pressed, they are turned on again.



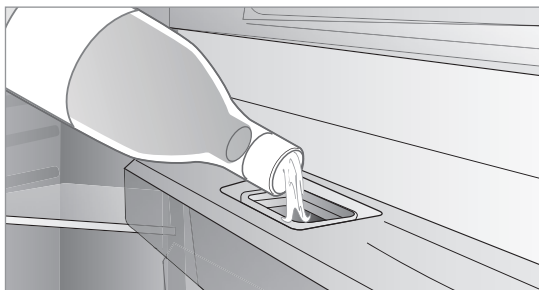
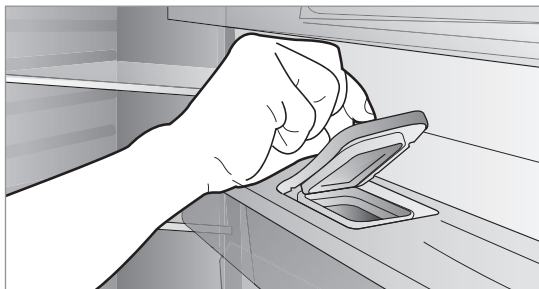
# Water Dispenser (Option)

## Note

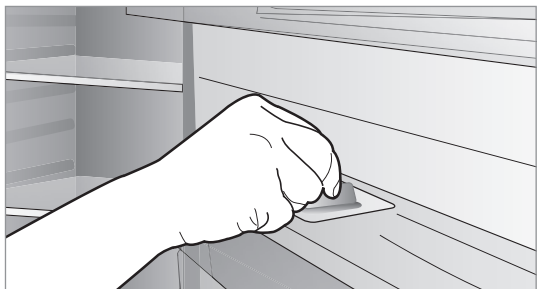
- Put water after the water tank is in position.
- Separate the water tank to clean it.
- When the water tank is not in position after filling it with water, water can leak out by the valve.

## Putting water in the water tank

1. Open the cover cap and pour water into the water tank.



2. Close the cover cap.

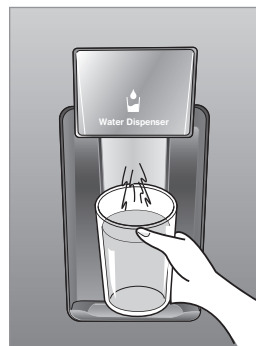


## Caution

- Do not use anything other than water.
- Hot water needs to be cooled before being put in the water tank.

## Drinking

1. Press the dispenser pad with cup.
2. The water is released when the dispenser pad is pressed.  
The pad returns to its original position when the cup is removed and the water stops its flow.



## Removing and cleaning the water tank.

1. Pull out the water tank, with the stopper pressed towards the arrow mark.
2. Empty and clean the water tank with soft sponge and tepid rinsing water.



# Care & Cleaning

## Before Cleaning

- When the outside(cabinet, doors) is stained with cooking oil or dirt, wipe it out quickly.
- To keep the inside sanitary without odor or dirt, regular cleaning required at least once a month.
- Spills of cooking oil, butter etc. can cause the parts of plastics to crack.

## In Cleaning

- Do not pour water to the refrigerator directly.
- Cleaning the inside, do not use chemical(alkaline) detergent, wax, gasoline, alcohol, benzen, thinner, hot(boiling) water, scrubber etc., cleaning the doors and cabinet, avoid solvent, abrasives, spray-on cleaners etc.
- Instead, clean with neutral detergent or water and dry with a soft cloth.

## After Cleaning

- See to the followings after cleaning. If something's wrong, call for service.
- Is the power cord peeled?
- Is the plug hot unusually?
- Did you plug in the outlet firmly?

## Front & Rear Rollers

- When cleaning the floor under refrigerator or the behind, shorten the hight adjusting feet until the front rollers touch the floor enough and move the refrigerator.
- After cleaning, level the refrigerator by turning the feet. (See page 3.)

## EVAPORATION DISH

New evaporating system, no need to clean at ordinary use. If it has to be cleaned due to strong odor at midsummer, see the following instruction.

- 1) Unplug the refrigerator.
- 2) Unscrew the cover below back of refrigerator and clean the dish.
- 3) After cleaning the dish, screw the cover and check if anything wrong.

\* While cleaning, be careful not to be hurt by hot pipes, compressor etc. and not to breake system parts

# Helpful Hints

## In case of power failure

- Do not open and shut the door as long as you can. There is no problem to store the food inside about 2~3 hours even in the midsummer.
- In case of predicted power failure, do not store any more food and make as much ice as you can to put it on the upper shelf of fresh food compartment. The inside would be kept cold.

## When not using for a long time

- Clean the inside and leave the doors open for 2~3 days in order to prevent mold development or odor saturation.
- To get more space, you can remove drawers since it does not effect on the thermal and mechanical characteristics.
- You appliance is frost free, which means there is no need to manually defrost your appliance. It will be carried out automatically. 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 paper such as newspaper.
- You device is equipped with a maintenance-free LED light. Any repair work on the lighting must only be carried out by the after-sales service or authorized experts.



## NOTICE

When(you are) installing this product, please follow the picture below.

