LG
Life's Good

ENGLISH

OWNER'S MANUAL

REFRIGERATOR

Please read this manual carefully before operating your set and retain it for future reference

MFL71664404

www.lg.com

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Rev.00_230919

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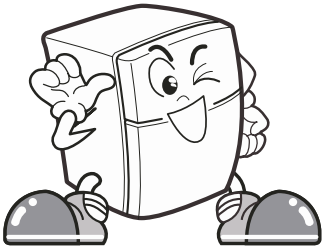


IMPORTANT SAFETY INFORMATION

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following. Read all instructions before using this appliance.

BASIC SAFETY PRECAUTIONS

This guide contains many important safety messages. Always read and obey all safety messages.

⚠ This is a safety alert symbol. It alerts you to safety messages that inform you of hazards that can hurt or seriously injured or cause damage to the product. All safety messages will be preceded by the safety alert symbol and the hazard signal word DANGER, WARNING, or CAUTION. These words mean:

⚠ DANGER	You will be hurt or seriously injured if you don't follow instructions.
⚠ WARNING	To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following. Read all instructions before using this appliance.
⚠ CAUTION	Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage only.

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

⚠ WARNING

- ⚠ Keep ventilation openings, in the appliance enclosure or in the built-in-structure, clear of obstruction.
- ⚠ 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.
- ⚠ Do not use electrical appliances inside the food storage compartment, unless they are recommended by the manufacturer.
- ⚠ The refrigerant and insulation blowing gas used in the appliance requires special disposal procedures. When disposal, please consult with services agent or a similarly qualified person.

IMPORTANT SAFETY INFORMATION

Risk of Fire and Flammable Materials

This symbol alerts you to flammable materials that can ignite and cause a fire if you do not take care.

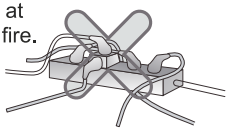
- This appliance contains a small amount of isobutane refrigerant (R600a), but it is also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes. In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance is used should correspond to the amount of refrigerant used. The room must be 1 m^2 in size for every 8 g of R600a refrigerant inside the appliance.
- 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.

IMPORTANT SAFETY INFORMATION

1. When connecting the power

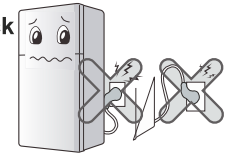
Dedicated outlet should be used.

- Using several devices at one outlet may cause fire.



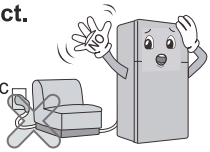
Do not allow the power plug to face upward or to be squeezed at the back of the refrigerator.

Plug may get damaged, which causes fire or electric shock.



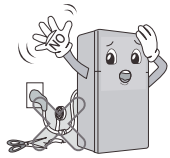
Do not allow the power cord to bend or pressed by heavy object.

It may damage the power cord and cause fire or electric shock.



Do not extend or modify the length of the power plug.

It damages the power cord and cause electric shock or fire.

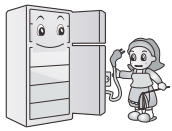


IMPORTANT SAFETY INFORMATION

1. When connecting the power

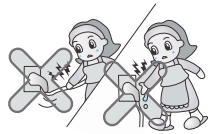
Unplug the power plug while cleaning, handling or replacing the interior LED lamp of the refrigerator.

- It may cause electric shock or injury.



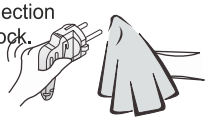
Do not pull out the cord or touch the power plug with wet hands.

- It may cause electric shock or injury.



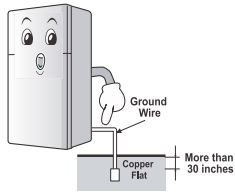
Remove water or dust from the power plug and insert it with the ends of the pins securely connected.

Dust, water or unstable connection may cause fire or electric shock.



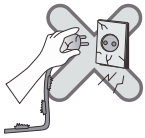
Make sure of grounding.

Incorrect grounding may cause breakdown and electric shock.



When the power cord or the power plug is damaged or the holes of the outlet are loosed, do not use them.

It may cause electric shock or short circuit.



The tempered glass on door can be broken by impact, do not touch the broken parts you may injured.

2. When using the refrigerator

Do not place heavy object or the dangerous object (container with liquid) on the refrigerator.

It may fall and cause injury, fire or electric shock when opening or closing the door.

Do not cling to the door or the shelves of the door or home bar of the freezer or the cool chamber.

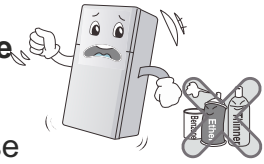
It may make the refrigerator fall over or damage the hands. Especially, do not allow the children to do the above.

Do not install the refrigerator in wet place or place where water or rain splashes.

Deterioration of insulation of electric parts may cause electric leakage.

Do not use or store inflammable materials like ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the refrigerator.

- It may cause explosion or fire.



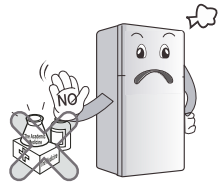
2. When using the refrigerator

Do not use drier to dry the inside, nor light a candle to remove odor

It may cause explosion or fire.

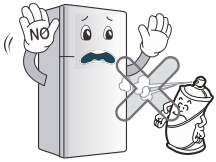
Do not store medicine or academic materials in the refrigerator.

When the material with strict temperature control is stored, it may be deteriorated or it may make an unexpected reaction to cause any risk.



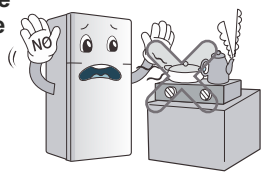
Do not use the combustible spray near the refrigerator.

It may cause fire.



Install in places away from the fire such as the place where flammable gas is leaked.

It may cause fire.

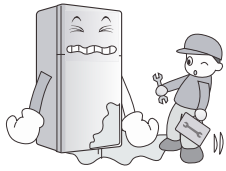


Do not place flower vase, cup, cosmetics, medicine or any container with water on the refrigerator.

It may cause fire, electric shock or injury by dropping down.

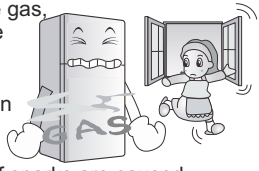
Use the submerged refrigerator only after checking it.

It may cause electric shock or fire.



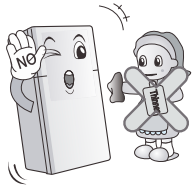
When gas is leaked, do not touch the refrigerator or the outlet and ventilate the room immediately.

If there is a gas leakage (isobutane, propane, natural gas, etc.), do not touch the appliance or power plug and ventilate the area immediately. This appliance uses a refrigerant gas (isobutane,R600a). Although it uses a small amount of the gas, it is still combustible gas. Gas leakage during appliance transport, installation or operation can cause fire, explosion or injury if sparks are caused



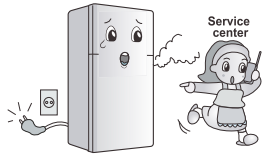
Do not spray water at the outside or the inside of the refrigerator or do not clean it with benzene or thinner.

Deterioration of insulation of electric parts may cause electric shock or fire.



When any strange smell or smoke is detected from the refrigerator, disconnect the power plug immediately and contact to the service center.

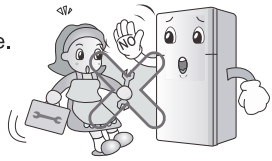
It may cause fire.



2. When using the refrigerator

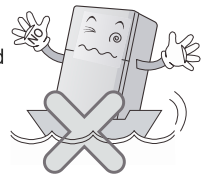
Do not allow any person except the qualified engineer to disassemble, repair or alter the refrigerator.

It may cause injury, electric shock or fire.



Do not use the refrigerator for non-domestic purpose (storing medicine or testing material, using at the ship, etc.).

It may cause an unexpected risk such as fire, electric shock, deterioration of stored material or chemical reaction.

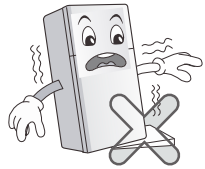


When disposing the refrigerator, remove the packing materials like gasket from the door

It may cause to lock out the child.

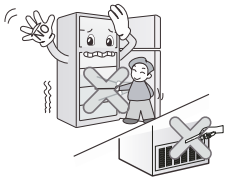
Install the refrigerator on a solid and level floor.

Installing it on an unstable place may cause injury by falling down the refrigerator when opening or closing the door.



Do not insert hand or metal stick into the exit of cool air, cover, bottom of the refrigerator, heat proof grill (exhaust hole) at backside.

It may cause electric shock or injury.



What to do with your old refrigerator,

Your refrigerator contains liquid (refrigerant, lubricant) made of recyclable materials, All these materials must be sent to a recycling waste disposal site as they can be reused after a specific recycling process.

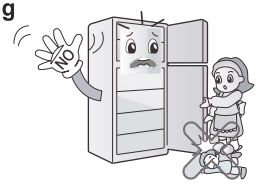
In case of thunder and lightning, or if not in use for a long period of time, detach the power plug.

There is a danger of electric shock or fire.

Place all the components in the right places before connecting the power.

Do not remove the back cover.

Never leave lit candles on the fridge, high risk of causing fire or product damage.



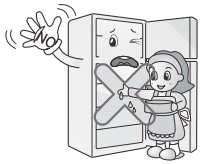
IMPORTANT SAFETY INFORMATION

CAUTION

Violating these directions may cause injury or damage to health, house or furniture. Always be careful, please.

Do not touch food or containers at the freezer with wet hands.

It may cause frostbite.



Wait for 5 minutes or longer when reconnecting the plug.

It may cause the operation of the freezer to fail.

Do not put bottle in the freezer.

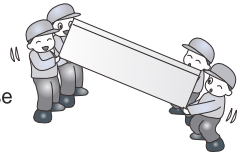
Do not place glass containers, bottles or cans (especially those containing carbonated drinks) in the freezer compartment, shelves or ice bin that will be exposed to temperatures below freezing.

Pull out the power plug not by grasping the cord. But by the plug of its end.

It may cause electric shock or short circuit to fire.

Carry the refrigerator with the handle bar provided at the bottom-front and top-rear of the refrigerator.

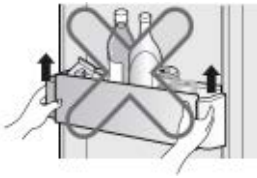
Otherwise, your hands may be slipped to cause injury.



Do not insert hand into the bottom of the refrigerator.

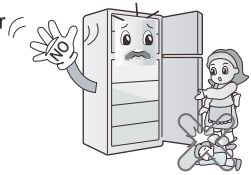
The iron plate of the bottom may cause injury.

Completely empty inside before taking out the container from the door.



Opening or closing the door of the refrigerator may cause injury to the person around it, please be careful.

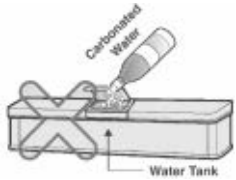
Opening or closing the door may cause feet or hands to be caught in the chink in door or child hand get hurt by the corner.



IMPORTANT SAFETY INFORMATION

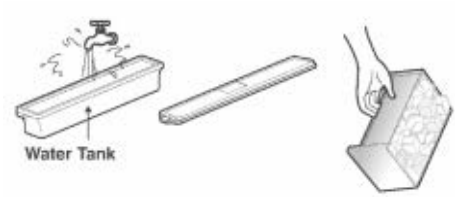
Do not put any living animal in the refrigerator.

Do not use carbonated water. Gas pressure may cause leakage.



Do not lean on the doors, Hinges may deregulate themselves, causing air leak and performance deterioration

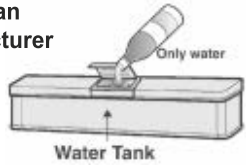
Clean the water tank according to the instructions.



Movable parts like shelf, basket, etc should be handled with care.

May get damaged or break if dropped.

Use only water. If any other liquid is used, the operation of the system may be deteriorated. If a problem occurs by using any liquid other than water, the manufacturer will not be responsible.



⚠ WARNING

- Please do not use a dishwasher to clean the lower drawers; the high temperature may cause damage to the baskets which make them unusable.
- If the appliance is equipped with a lock (some countries only), keep the key out of reach of children.

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.

THIS REFRIGERATOR IS MANUFACTURED WITH GREAT CARE, AND UTILIZES THE LATEST IN TECHNOLOGY.

WE ARE CONFIDENT THAT YOU WILL BE FULLY SATISFIED WITH IT'S PERFORMANCE AND RELIABILITY.

BEFORE YOU START YOUR REFRIGERATOR, PLEASE READ THIS BOOKLET CAREFULLY. IT PROVIDES EXACT INSTRUCTIONS FOR INSTALLATION, OPERATION AND MAINTENANCE, AND ALSO SUPPLIES SOME USEFUL HINTS.

INSTALLATION

1. Select a good location.
   Place your refrigerator where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture.
3. To avoid vibrations, the unit must be level. If required, adjust the leveling screws to compensate for unevenness of the floor. The front should be slightly higher than the rear to aid in door closing.
   Leveling screws can be turned easily by tipping the cabinet slightly.
   Turn the leveling screws clockwise( ) to raise the unit, counterclockwise( ) to lower it.
4. Don't install this appliance below 5 °. It may cause the debasement of the refrigerator.

NEXT

1. Clean your refrigerator thoroughly and wipe off all dust accumulated during shipping.
2. Install accessories such as ice cube box, etc., in their proper places.They are packed together to prevent possible damage during shipment.
3. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.
4. Prior to storing food, leave your refrigerator on for 2 or 3 hours.
   Check the flow of cold air in the freezer compartment to ensure proper cooling.
   Your refrigerator is now ready for use.
5. After installing the appliance, connect the power plug into a socket outlet. Before moving and discarding the appliance, disconnect the plug from the socket outlet.

Dimensions and Clearances

Too small of a distance from adjacent items may result in degradation of freezing capability and increased electricity costs. Allow over 50mm clearance from each adjacent wall when installing the appliance.

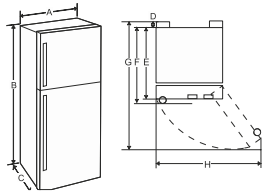


Image for representation purpose only

-	G*-*5**	G*-*4**
A	700	700
B	1780	1680
C	730	730
D	15	15
E	660	660
F	715	715
G	1035	1035
H	1200	1200

Ambient Temperature

The appliance is designed to operate within a limited range of ambient temperatures, depending on the climate zone. do not use the appliance at a temperature exceeding the limit. The internal temperatures could be affected by the location of the appliance, the ambient temperature, the frequency of door opening and so on.

The climate class can be found on the rating label.

Climate Class	Ambient Temperture Range °C
SN (Extended Temperate)	+10 - +32
N (Temperate)	+16 - +32
ST (Subtropical)	+16 - +38
T (Tropical)	+16 - +43/+10 - +43*

*Australia, India, Kenya

NOTE

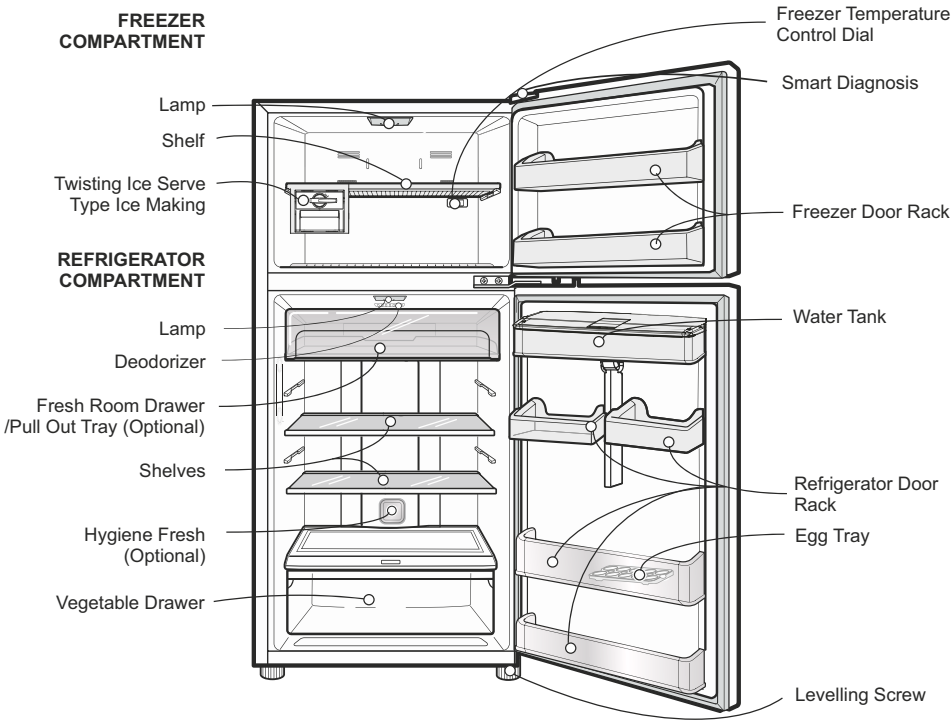
The appliances rated from SN to T are intended to be used at an ambient temperature between 10°C and 43°C

Inverter-On feature (Optional)

Minimum requirement: UPS/ Inverter should be in ON condition having minimum 600VA capacity along with minimum 120Ah capacity battery connected with the refrigerator's power supply socket.

INNER PARTS

Water Dispenser Model



NOTE

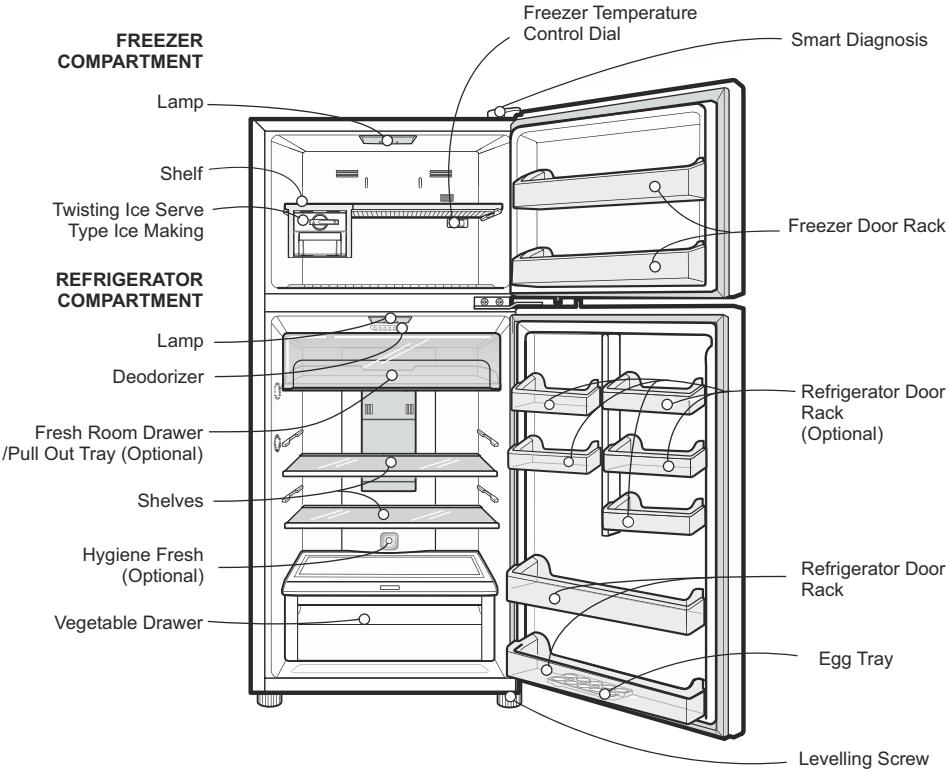
- This guide covers several different models. The refrigerator you have purchased may have some or all of the features shown above.
- To keep a position of inner parts like as baskets, drawers and shelves supplied by manufacturer is the most efficient usage for energy saving.
- Due to continuously development, model specification subjected to change.

SUGGESTION FOR ENERGY SAVING

- Please do not keep the door open for a long time, close door in the shortest time.
- Too much food are not advised to be put in enough space should be kept for cool air circulating freely.
- Do not set the temperature of refrigerator lower than needed. Do not put the food near the temperature sensor.
- Allow hot food to cool prior to storing. Placing hot food in the fridge-freezer could spoil other food, and lead to higher electric bills.
- Do not block air vents with food. Smooth circulation of cold air keeps fridge-freezer temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge-freezer, and cause temperature to rise.
- The automatic defrosting system in the appliance ensures that the compartment remains free of ice build up under normal operating conditions

INNER PARTS

Non Water Dispenser Model



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OPERATIONS

STARTING

When your refrigerator is first installed, allow it (7-8 hours) to stabilize at normal operating temperatures prior to filling it with fresh or frozen foods.

If operation is interrupted, wait 5 minutes before restarting.

BEFORE SETTING THE TEMPERATURE

- The temperature of the refrigerator is kept constant regardless of changes in room temperature. It is recommended that, once set, the temperature settings(the controls for the refrigerator and freezer compartments) not be changed unless necessary.
- This refrigerator has one temperature control button for the refrigerator compartment and one temperature control dial for the freezer compartment.
- The default setting of the temperature control button for the refrigerator compartment is '3' or '4'.
- The default setting of the temperature control dial for the freezer compartment is '5'.
- This refrigerator has a temperature sensor in the refrigerator compartment. It will start and stop the compressor automatically as needed.

DOOR ALARM

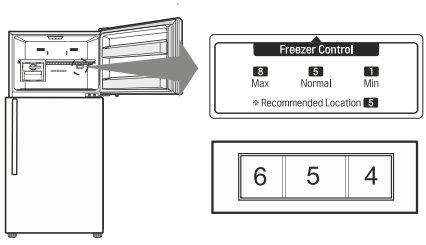
When the door of the refrigerator or the freezer is open for 1 minute, an alarm will sound three times. It the door remains open, the alarm will repeat every 30 seconds.

SELF TEST

- Your refrigerator contains a built in diagnostic capability. If it develops a malfunction in certain areas, it will display an error code to assist the repair technician. While an error code is displayed, other control and display functions will not operate.
- If an error code is displayed, contact a service center. Do not disconnect the power cord from the outlet.

CONTROLS FOR FREEZER COMPARTMENT

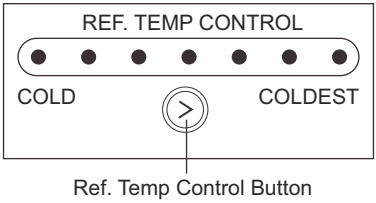
- The higher number the control setting is, the lower the temperature of the freezer compartment becomes
- Since the temperature of the refrigerator and freezer compartments is controlled with a fixed amount of cooled air, the refrigerator compartment will be warmer if the freezer compartment becomes colder.
- When the freezer compartment is not cold enough in winter, adjust the control for the freezer to High (6~8).



OPERATIONS

CONTROLS FOR REFRIGERATOR COMPARTMENT

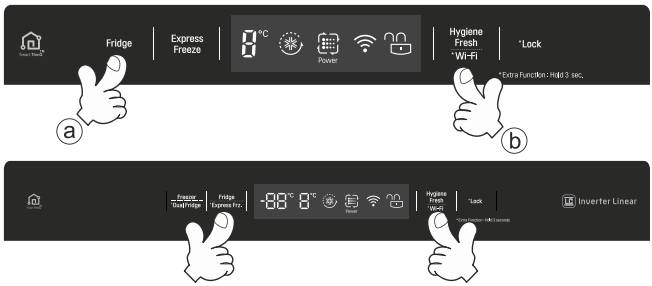
❒ FOR INTERNAL CONTROLLER MODEL



The default setting of the temperature control button for the refrigerator compartment is **NORMAL**.
To control the refrigerator temperature, press the **REF. TEMP CONTROL** button.
Whenever pressing the button, LED emitting the light.
The temperature is set in 7 steps, from **COLD** to **COLDEST** cooling. (**COLD** = warmest, **COLDEST** = coldest temperature)

❒ FOR EXTERNAL CONTROLLER MODEL

Display graphic can be different, depend on the type of your refrigerator.



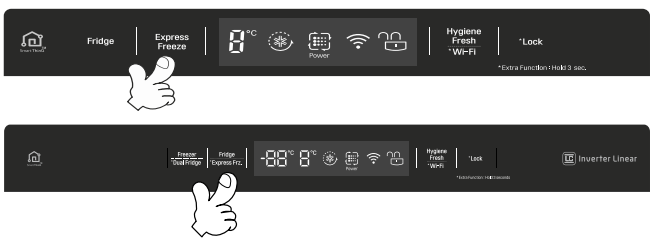
For non-dual display

For dual display

- Press 'FRIDGE' button to control refrigerator temperature.
- Whenever pressing the button, the LED emits light.
- Press 'Hygiene Fresh' button to operate hygiene fresh motor (optional).
- The number showing up on the LED luminesce indicate the temperature of refrigerator compartment.
- You can select the desired setting point seven steps, from'0 ^{0}C' to '6^{0}C'.
  - Press ⓐ button, Fridge temperature will be down each 1°C
  - Press ⓑ button, Hygiene Fresh motor will be on, power mode, off.

EXPRESS FREEZE*

- When the refrigerator is first turned ON the EXPRESS FREEZE feature can be turn ON. The compressor and circulating fan operate at maximum cooling capacity to quickly lower the refrigerator temperature. It shuts off automatically.



For non-dual display

For dual display

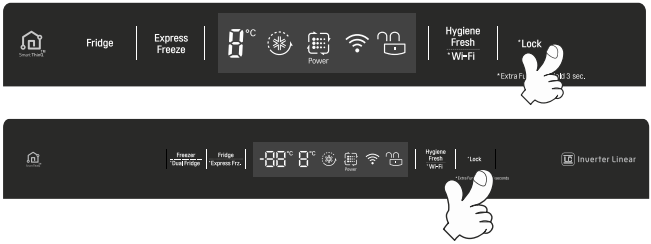
- If warm food is placed into the refrigerator, FAST FREEZING can be started with the button on the control panel. FAST FREEZING will shut off when the temperature reaches the proper level or it can be shut off manually by pressing the FAST FREEZING button.

OPERATIONS

CHILD LOCK (OPTIONAL)*

- CHILD LOCK

Press and hold the child lock button for 3 seconds to lock the child lock. When it is locked, the Lock LED will be on and the other button will not operate. To unlock, press and hold the CHILD LOCK button for 3 seconds again.

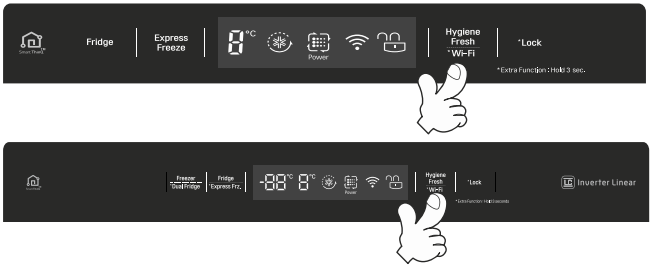


For non-dual display

For dual display

Wi-Fi*

This sets the refrigerator to connect to your home's Wi-Fi network.

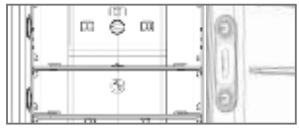


For non-dual display

For dual display

DOOR COOLING+

- If water of foreign substances enter the cool air vent while cleaning, efficiency will be lowered.



VEGETABLE DRAWER

How to use

- Vegetable drawer can be used through the control of knob.
- Check the position of knob prior to store the food.
- Do not locate the knob on the middle point.

*** This feature will be OFF by itself, if the refrigerator is switched OFF.**

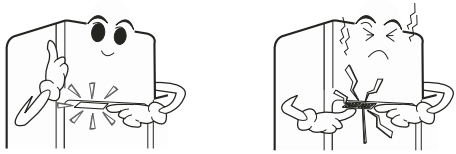
OPERATIONS

DEFROSTING

- Defrosting takes place automatically.
- The defrosted water flows down to the evaporating tray which is located in the lower back side of the refrigerator and is evaporated automatically.

DEODORIZER

- Unpleasant odor of food in fresh food compartment is deodorized with no harm to the user and the food.

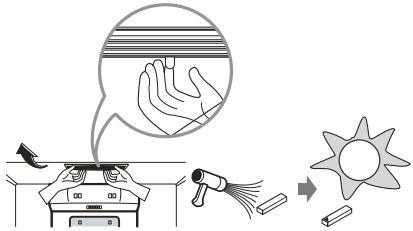


How to use

- As Deodorizer is located in cooling air inlet for circulating air in fresh food compartment, there is no need for any handling.
- Do not prick the cooling air inlet with a sharp tip because Deodorizer may get damaged.
- When storing food with strong odor, wrap it or store it in a container with a lid because odor may be passed on to other foods.

Re-Using of Deodorizer

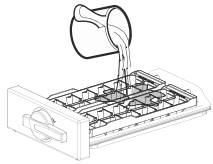
- Deodorizer can be revived and re-used.
- Separate the Deodorizer from the refrigerator
- Use hair drier to remove moisture or malodor and oxidize under sunlight to decompose malodor by ultraviolet.



ICE MAKING

Twisting Ice Serve Type

- To make ice cubes, fill the ice tray with water and insert in its position.
- To remove ice cubes, hold the lever of the tray and pull turn gently. Then, ice cubes drop in to the ice cube box.



WARNING

Fill with potable water only.

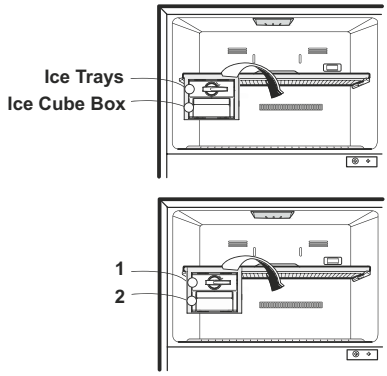
NOTE You can disassemble the Ice Maker to secure space in the freezer.

- **Twisting Ice Serve Type:** Remove 1 and 2

1. Ice Tray
2. Ice Cube Box

WARNING

- Do not use anything other than water.
- Fill the water up to the marked line.



<Twisting Ice Serve Type>

OPERATIONS

HYGIENE FRESH (OPTIONAL)

CAUTION

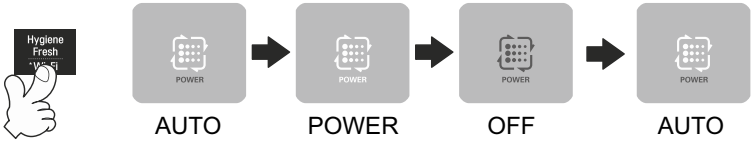
Before installing or using the product, make sure to read the owner's manual carefully to use the product accurately as intended. This HYGIENE FRESH filter has the antibacterial function of removing the virus or bacteria inside the refrigerator and the deodorizer function to remove the scent.

- **Switch over to use mode**

  Switch over to use mode.

- To use the HYGIENE FRESH filter, touch the Hygiene Fresh button on the display panel on the front side of the door and switch over to the AUTO or POWER mode.

  (Whenever you touch the button, the HYGIENE FRESH filter will be switched to AUTO ➡ POWER ➡ OFF ➡ AUTO.)



CAUTION

When the user switches to AUTO or POWER mode, the LED around the filter is also turned on. Do not put in your finger or alien particles inside the fan. It can be caused of an injury or malfunction.

CAUTION

- Do not wash the HYGIENE FRESH filter by using water because it can be caused of malfunction.
- This filter may not be effective for all types of bacteria and virus.
- This is effective to remove the bacteria which is not on the food in the refrigerator.

You can purchase the HYGIENE FRESH filter at the nearest distributor or the service center.

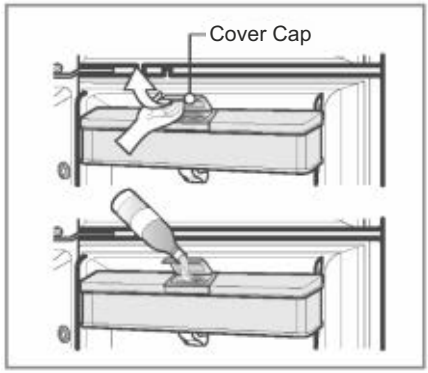
WATER DISPENSER (OPTIONAL)

NOTE

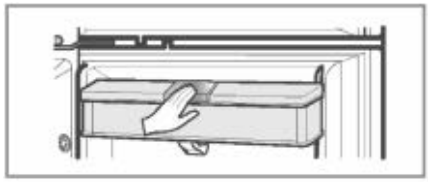
- Pour water after the water tank is in position.
- Necessarily separate the water tank to clean it our when not in use.
- When the water tank is not in position after filling it with water, water can leak out by the valve.

- **Pouring water in the water tank**

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

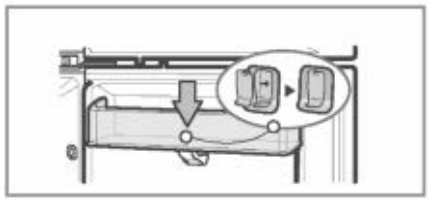


2. Close the cover cap.



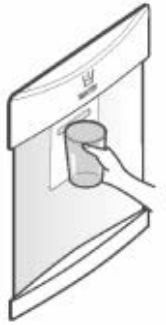
3. The water tank is optional removable part which can be applied to enlarge the storage capacity. You can use the upper basket after removing the water tank and closing up the hole with a plug.

   The plug is enclosed with the egg tray.



Caution

Do not use anything other then water, even hot water needs to be cooled before being poured into the water tank.
Do not fill more than the indicated level.



- Drinking Water

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.

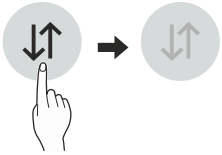
Using Smart ThinQ Application

- For appliances with the Smart ThinQ or Smart ThinQ logo

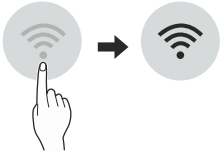
Things to check before using LG SmartThinQ

1 Check the distance between the appliance and the wireless router (Wi-Fi network).
   - If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to register or installation may fail.

2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.
   - For iPhones, turn data off by going to **Settings** → **Cellular** → **Cellular Data.**



3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that **Wi-Fi** icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- LG SmartThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the Internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- The appliance cannot be registered due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers.(Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system(OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and register the product again.

SMART FUNCTIONS (Only for applied models)

Installing LG SmartThinQ

Search for the LG SmartThinQ application from the Google Play Store or Apple App Store on a smart phone. Follow instructions to download and install the application.

Wi-Fi Function

Communicate with the appliance from a smart phone using the convenient smart features.

Firmware Update

Keep the appliance performance updated.

Smart Diagnosis™

If you use the Smart Diagnosis function, you will be provided with the useful information such as a correct way of using the appliance based on the pattern of use.

Settings

Allows you to set various options on the refrigerator and in the application.

NOTE

- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the LG SmartThinQ application and register it again.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Connecting to Wi-Fi

The Wi-Fi button, when used with the LG SmartThinQ application, allows the appliance to connect to a home Wi-Fi network. The Wi-Fi icon shows the status of the appliance's network connection. The icon illuminates when the appliance is connected to the Wi-Fi network.

Initial Appliance Registration

Run the LG SmartThinQ application and follow the instructions in the application to register the appliance.

Re-registering the Appliance or Registering Another User

Press and hold the Wi-Fi button for 3 seconds to temporarily turn it off. Run the LG SmartThinQ application and follow the instructions in the application to register the appliance.

NOTE

To disable the Wi-Fi function, press and hold the Wi-Fi button for 3 seconds. Wi-Fi icon will be turned off.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Using Smart Diagnosis™

- For appliances with the or logo

Smart Diagnosis™ Through the Customer Information Centre

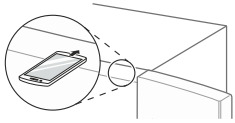
Use this function if you need an accurate diagnosis by an LG Electronics customer information centre when the appliance malfunctions or fails. Use this function only to contact the service representative, not during normal operation.

Display panel is on the Freezer door

1 Close the Freezer and Fridge doors, then press and hold the Lock button to activate the lock function.
   - If the display has been locked for over 5 minutes, you must deactivate the lock and then reactivate it.

2 Press and hold the Fridge button for three seconds or longer.
   - The control panel will be turned off, and then “3” will be displayed on the fridge temperature display part.

3 Open both fridge door and freezer door, and then hold the phone on the upper right speaker hole.
   - Position the phone so that its microphone is aligned with the speaker hole.



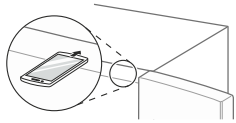
4 After the data transfer is complete, the service agent will explain the result of the Smart Diagnosis™.

Display panel is inside the Fridge Room.

1 Open the fridge door.

2 Press and hold the Fridge button for three seconds or longer.

3 If the buzzer sounds 4 times, open the freezer door and hold the phone near the speaker hole.
   - If the display has been locked for over 5 minutes, you must deactivate the lock and then reactivate it.



4 After the data transfer is complete, the service agent will explain the result of the Smart Diagnosis™.

NOTE

- Position the phone so that its microphone is aligned with the speaker hole.
- The Smart Diagnosis™ sound is generated after pressing the Fridge button for three seconds.
- Hold the phone to the upper right speaker hole and wait while the data is transmitted.
- Do not take the phone off the speaker hole while the data is transmitted.
- The data transfer sound may be harsh to the ear while the Smart Diagnosis™ data is being transmitted, but do not take the phone off the speaker hole for accurate diagnosis until the data transfer sound has stopped.
- When the data transfer is complete, the transfer completion message is displayed and the control panel is automatically turned off and then on again after a few seconds. Afterwards the customer information centre explains the diagnosis result.
- The Smart Diagnosis™ function depends on the local call quality.
- The communication performance will improve and you can transmit a better signal if you use a land line home phone.
- If the Smart Diagnosis™ data transfer is poor due to poor call quality, you may not receive the best Smart Diagnosis™ service.

LAMP REPLACEMENT

NOTE : This product applies LED Lamp which cannot be replaced by the user. Please contact authorized service centre for the lamp replacement.

INVERTER-ON FEATURE (Optional)

1. While using this feature, the refrigerator will work on basic requirement as required by the product.
2. The results of the Inverter-On feature may vary depending on the number of appliances that are running on inverter.
3. For optimum running of refrigerator during Inverter-On mode, it is recommended to switch off the other appliances which are not in use.
4. It is recommended to confirm the quality of food items before consumption.
5. Ice cream etc. may get soften during the use of this feature, if situation arises so, it is recommended to change the setting as per one's choice.

LED PATTEN DURING INVERTER-ON MODE (OPTIONAL)

During the use of this feature, you will find this pattern of LED running. It is a symbol that the product is running at basic energy requirement. One can press the button "REF TEMP" to change the LED setting during power cuts, if needed. The LED will then show the setting as desired. When the mode is changed from Normal supply to Inverter mode & vice versa, the LED pattern will take some time to display the change.

VACATION TIME

During average length vacations, you will probably find it best to leave the refrigerator in operation. Place freezable items in freezer for longer life.
If you are leaving the appliance turned off for an extended period of time, remove all food and unplug the power cord. Clean the interior, and leave the doors slightly ajar to prevent mould from growing in the appliance.

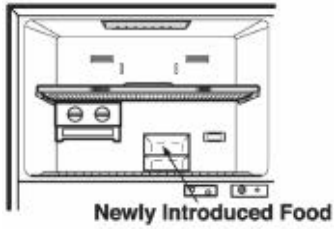
SUGGESTIONS ON FOOD STORAGE

STORING FOOD

- Store fresh food in the refrigerator compartment. How food is frozen and thawed is an important factor in maintaining its freshness and flavor.
- Do not store food which goes bad easily at low temperatures, such as bananas, pineapples, and melons.
- Allow hot food to cool prior to storing. Placing hot food in the refrigerator could spoil other food, and lead to higher electric bills!
- When storing the food, cover it with vinyl wrap or store in a container with lid. This prevents moisture from evaporating and helps food to keep its taste and nutrients. This will also prevent transfer of taste and smell from one food to other.
- Do not block air vents with food. Smooth circulation of chilled air keeps refrigerator temperatures even.
- Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperatures to rise.
- In the event of a blackout, call the electricity company and ask how long it is going to last.
  - You should avoid door openings while the power is off.
  - When the power supply gets back to normal, check the condition of the food.

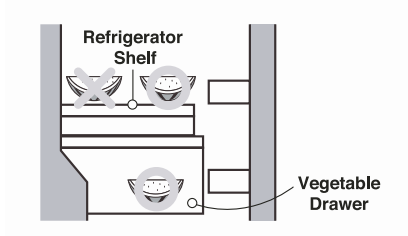
FREEZER COMPARTMENT

- Do not store bottles in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrition.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.
- Loading for Freezing - It is recommended to load newly introduced foods on the following position for freezing:



- Freezer Door Basket, marked (* *) is -12°C compartment, that is suitable for short term storage of frozen food (optional).

REFRIGERATOR COMPARTMENT



- Avoid placing moist food on deep interior refrigerator shelves, it could freeze by direct contact with chilled air. To avoid this it is better to store food in the covered container.
- It is desirable to store moist food (especially vegetable and fruit) in the vegetable storage compartment. If it is necessary to store on a shelf of the refrigerator, put it close to the door away from the back wall of the refrigerator to avoid being frozen by direct contact with chilled air.
- Always clean food prior to refrigeration. Vegetables and fruits should be washed and wiped, and packed food should be wiped clean, to prevent adjacent food from spoiling.
- When storing eggs in their storage rack, ensure that they are fresh, and always store them in a upright position, which keeps them fresh for longer time.
- If there are chill compartments in the appliance, do not store vegetables and fruits with higher moisture content in the chill compartments as they may freeze due to the lower temperature.

CLEANING

WATER DISPENSER

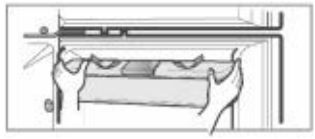
Grille -

Wipe with a clean, damp cloth and then dry using dry cloth.

Water Tank -

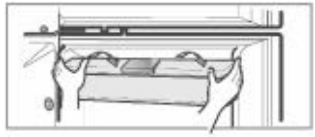
1. Water Filling

   It is not necessary to remove the water tank in order to fill it (it can be filled by opening the water tank cap).



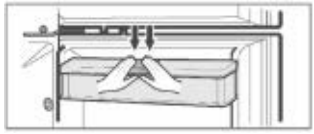
NOTE

- Before closing door, close the cap and clamp tightly.
- Do not use liquids containing sugar or carbonated drinks.



2. Disassembly

   Lift the water tank, gripping a side and bottom of water tank.

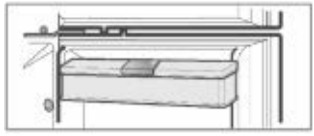


NOTE

Before disassembly of water tank, drain all water from the dispenser

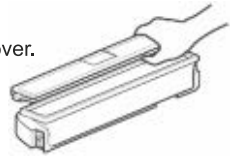
3. Assembly

   If by some cause the water tank is dislocated, place it again at its original position. Verify that the valve is assembled correctly in the hole of the door. Once assembled push down and check the tank position with line.

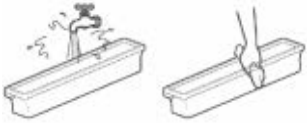


Water Tank -

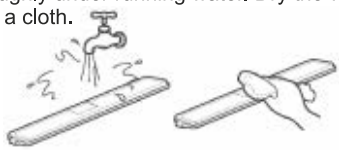
1. Remove the tank cover.



2. Clean th inside and outside of the water tank with dishwashing detergent and rinse throughly under running water. Dry the water with a cloth.



3. Clean the inside and outside of the cover and cap with dishwashing detergent and rinse throughly under running water. Dry the water with a cloth.



4. Assemble the cover with tank and clamp it with the help of snaps provided, further assemble it n refrigerator door

CLEANING

It is important that your refrigerator is kept clean to prevent undesirable odors. Spilled food should be wiped immediately, since it may acidify and stain plastic surfaces if allowed to settle.

Never use metallic scouring pads, brushes, coarse abrasive cleaners or strong alkaline solutions on any surface.

Before you clean, remember that damp objects will stick or adhere to extremely cold surfaces. Do not touch frozen surfaces with wet or damp hands.

EXTERIOR - Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

INTERIOR -Regular cleaning of the interior and interior parts is recommended. Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

INTERIOR PARTS - Wash compartment shelves, door racks, storage trays and magnetic door seals etc. Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

⚠WARNING

Always remove power cord from the wall outlet prior to cleaning. Wipe excess moisture with a sponge or cloth to prevent water or liquid from getting into any electrical part and causing electric shock. Do not use flammable or toxic cleaning liquids.

- Caution for Cleaning - Not to use : Surface active agent, Car wax, Anti-corrosive, All sorts of oil, Gasoline, Acids, Wax.
- Mild detergents, dish washable solutions and soapy water can be used
- Careless usage can lead to colour change.

⚠Caution

1. Use lukewarm water when cleaning.
2. Water Tank: Do not use anything other than water. If any other liquid is used, please rinse the tank three to four times with water.

GENERAL INFORMATION

POWER FAILURE

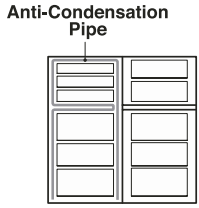
Most power failures are corrected in an hour or two and will not affect your refrigerator temperatures. During power failures of longer duration, place a block of dry ice on top of your frozen packages.

IF YOU MOVE

Remove or securely fasten down all loose items inside the refrigerator.
To avoid damaging the leveling screw(s), turn them all the way into the base.

ANTI-CONDENSATION PIPE

The outside wall of the refrigerator cabinet may sometimes get warm, especially just after installation.
Don't be alarmed.
This is due to the anti-condensation pipe, which pumps hot refrigerant to prevent "sweating" on the outer cabinet wall.



Caution

Electrical Shock Hazard

Before replacing a burned-out light bulb, either unplug the refrigerator or turn off power at the circuit breaker or fuse box.

NOTE : Moving the control to OFF position does not remove power from the light circuit.

IMPORTANT WARNINGS

DO NOT USE AN EXTENSION CORD

If possible, connect the refrigerator to its own individual electrical outlet to prevent it and other appliances or household lights from causing an overload that could cause a power outage.

ACCESSIBILITY OF SUPPLY PLUG

The refrigerator-freezer should in such a position that the supply plug is accessible for quick disconnection when accident happens.

SUPPLY CORD REPLACEMENT

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

ABOUT GROUNDING (EARTHING)

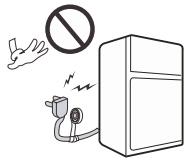
In the event of an electric short circuit, grounding (earthing) reduces the risk of electric shock by providing an escape wire for the electric current.

In order to prevent possible electric shock, this appliance must be grounded.

Improper use of the grounding plug can result in an electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.

DO NOT MODIFY OR EXTEND THE POWER CORD LENGTH.

It will cause electric shock or fire.



VERY DANGEROUS ATTRACTION

An empty refrigerator can be a dangerous attraction to children. Remove either gaskets, latches, lids or the entire door from your unused appliance, or take some other action to make it harmless.

This appliance must be grounded (earthed).

DON'T WAIT! DO IT NOW!

Do not store inflammable materials, explosives or chemicals in the refrigerator.

Disposal of the old appliance

This appliance contains fluid (refrigerant, lubricant) and is made of parts and materials which are reusable and/or recyclable.

All the important materials should be sent to the collection center of waste material and can be reused after rework (recycling). For take back, please contact with the local agency.

"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.

Children should be supervised to ensure that they do not play with the appliance."

BEFORE CALLING FOR SERVICE

SERVICE CALLS CAN OFTEN BE AVOIDED!

IF YOU FEEL YOUR REFRIGERATOR IS NOT OPERATING PROPERLY, CHECK THESE POSSIBLE CAUSES FIRST :

PROBLEM	POSSIBLE CAUSES
REFRIGERATOR DOES NOT OPERATE	• Has a house fuse blown or circuit breaker tripped? • Has the power cord plug been removed or loosened from the electrical wall outlet?
REFRIGERATOR OR FREEZER COMPARTMENT TEMPERATURE TOO WARM	• Temperature control not set on proper position. • Appliance is placed close to wall or heat source. • Warm weather-frequent door openings. • Door left open for a long time. • Large amount of foods are kept in the refrigerator.
ABNORMAL NOISE(S)	• Refrigerator is installed in a weak or uneven place, or leveling screw needs adjusting. • Unnecessary objects placed in the back side of the refrigerator.
REFRIGERATOR HAS ODOR	• Foods with strong odors should be tightly covered or wrapped. • Interior needs cleaning.
DEW FORMS ON THE CABINET SURFACE	• Not unusual during periods of high humidity. • Door may have been left ajar.

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