LG
Life's Good

ENGLISH

OWNER'S MANUAL

SXS REFRIGERATOR

Please read this owner's manual thoroughly before operating and keep it handy for reference at all times.

MFL67604015

www.lg.com

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⚠
- **This product is exclusive use at 220V/50Hz~60Hz.**
- **You should purchase transformer of more than 2.0KVA when you want to use it at the 110V area.**

Entry

The model and serial numbers are found on the inner case or Right side of refrigerator compartment of this unit. These numbers are unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase. Staple your receipt here.

Date of purchase	:	_____
Dealer purchased from	:	_____
Dealer address	:	_____
Dealer phone no.	:	_____
Model no.	:	_____
Serial no.	:	_____

Basic safety precautions

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

⚠ This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that can kill or hurt you or others 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 killed or seriously injured if you don't follow instructions.

⚠ WARNING You can be killed or seriously injured if you don't follow instructions.

⚠ CAUTION Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage only.

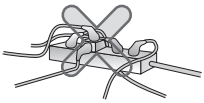
All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

⚠WARNING

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.

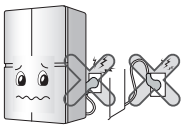
Read all instructions before using this appliance.

1. When connecting the power



The dedicated outlet should be used.

- Using several devices at one outlet may cause fire.
- The electric leakage breaker may damage food and the dispenser may be leaked.



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

Water may be flown into or the plug may be damaged, which causes fire or electric shock.

Prevent the power cord from being squeezed or imprinted if the refrigerator is pushed in after the power plug is extracted during the installation.

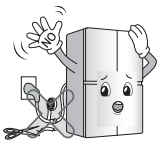
When moving your appliance away from the wall, be careful not to roll over the power cord or to damage it in any way.

It becomes the cause of fire or electric shock.



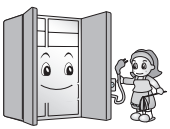
Do not allow the power cord bent or pressed by the heavy object to be damaged.

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



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

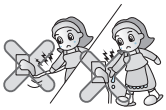
It causes electric shock or fire by the electric damage of the power cord or others.



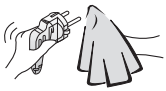
Unplug the power plug when cleaning, handling or replacing the interior lamp of the refrigerator.

- It may cause electric shock or injury.
- When replacing the interior lamp of the refrigerator, make sure that the rubber ring for preventing the electric spark within the socket is not taken off.

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 fire or electric shock.

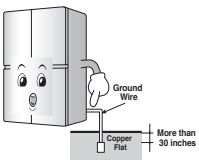


Unplug the power cord from the power outlet for cleaning or other requirements.
It may cause electric shock or injury.

Pull out the power plug not by grasping the cord but the plug of its end.
It may cause electric shock or short circuit to fire.

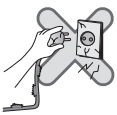


Make sure of grounding.
Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.
The incorrect grounding may cause breakdown and electric shock.



Be sure to use grounded exclusive proper voltage consent for the power plug.
Be sure to use grounded extension consents when extension consents are used.
It becomes the cause of fire.

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 to make fire.



Wait for 5 minutes or longer when reconnecting the plug.
It may cause the operation of the freezer to fail.



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.

2. When using the refrigerator



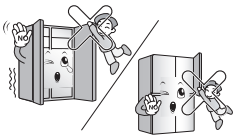
Do not place the heavy object or the dangerous object (container with liquid) on the refrigerator.

It may be dropped to cause injury, fire or electric shock when opening or closing the door.



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

Deterioration of insulation of electric parts may cause electric leakage.

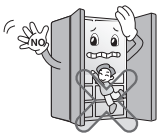


Do not cling to the door or the shelves of the door or the home bar of the freezer or the cool chamber.

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

When water entered to electric parts inside the product, pull out the power plug, and contact the service center.

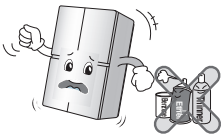
It may cause electric shock or fire.



Prevent children from entering the product.

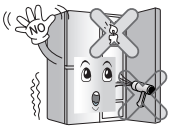
It may endanger the life of a child if the child enters the refrigerator.

Opening and closing the door of the refrigerator vigorously may cause the stored food in the refrigerator basket to fall by shock and hurt the foot, so take precautions.



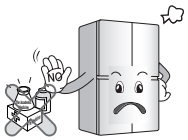
Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the refrigerator.

It may cause explosion or fire.



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

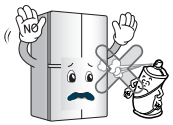
It may cause explosion or fire.



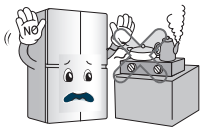
Do not store the medicine or the academic materials at the refrigerator.

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

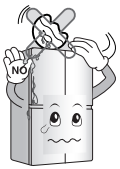
Do not use the combustible spray near the refrigerator.
It may cause fire.



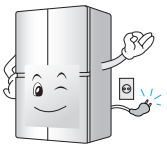
Install in places away from the fire such as the place where flammable gas is leaked.
It may cause fire.



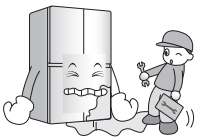
Do not place flower vase, cup, cosmetics, medicine or any container with water on the refrigerator.
It may cause fire, electric shock or injury by dropping down.



In case of thunder and lightning, or not in use for a long period of time, detach the power plug.
There is a danger of electric shock or fire.

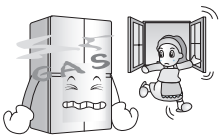


Use the submerged refrigerator after checking it.
It may cause electric shock or fire.



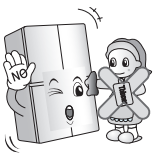
When gas is leaked, do not touch the refrigerator or the outlet and ventilate the room immediately.

- The explosion by spark may cause fire or burn.
- Because this refrigerator uses natural gas (isobutene, R600a) as the environment-friendly refrigerant, even a small amount (70~90g) is combustible. When the gas is leaked by the severe damage during delivering, installing or using the refrigerator, any spark may cause fire or burn.



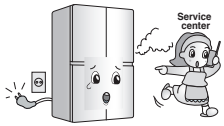
Do not move refrigerator while the compressor is operating.
Compressor may occur a temporary rattling noise.
(This is normal and will not impact on the performance or the life of the compressor. The rattling will stop after the refrigerator comes to a rest.)

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.



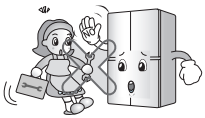
When any strange smell or smoke is detected from the refrigerator, disconnect the power plug immediately and contact to the service center.

It may cause fire.



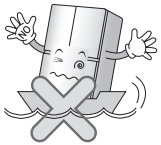
Do not allow any person except the qualified engineer to disassemble, repair or alter the refrigerator.

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.



Be careful of the door falling down during disassembly and assembly of the door.

Do not insert refrigerator shelf upside down.

The shelf may fall down and cause injury.

When disposing the refrigerator, remove the packing materials from the door or take off the doors but leave the shelves in place so that children may not easily climb inside.

It may cause to lock out the child.

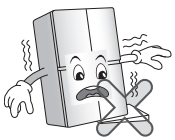


This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

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

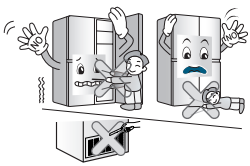
Install the refrigerator on the solid and level floor.

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



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

It may cause electric shock or injury.



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 compartments of the appliance, unless they are of the type recommended by the manufacturer.

The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. When disposal, please consult with service agent or a similarly qualified person.



This appliance contains a small amount of isobutane refrigerant (R600a), natural gas with high environmental compatibility, 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. Refrigerant squirting out of the pipes could ignite or cause an eye injury. 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 may be sited depends on the amount of refrigerant used. The room must be 1m^2 in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance. Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

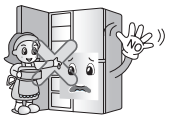
⚠ CAUTION

Violating this direction may cause injury or damage house or furniture. Always be careful, please.

Do not insert the hands into the ice bucket or the ice dispenser. (only for the model with the dispenser).
Operating the ice maker may cause injury.



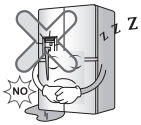
Do not touch food or containers at the freezer with wet hands.
It may cause frostbite.



Do not put ice in thin crystal cup or ceramic ware.
It may break cup or ceramic ware to cause injury.



When the electricity is off, remove ice from the ice bucket (only for the model with the dispenser).
The long-time power failure may thaw ice to damage the floor. When the long-time power failure is expected, remove ice from the ice bucket.



Supply the automatic ice maker with drinkable water only (only for the model with the dispenser).
Otherwise, it may cause any risk.



Do not remove the cover of the automatic ice maker. (Only for the models with automatic ice maker)
The operation mechanic parts of the ice maker may hurt people.

Do not place the food in disorder inside the refrigerator.
The food may fall during opening and closing the door of the refrigerator and hurt people.

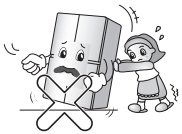
Do not put bottle in the freezer.
It may freeze the contents to break the bottle to cause injury.



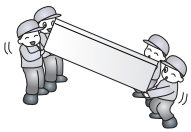
Do not insert the hands into the bottom of the refrigerator.
The iron plate of the bottom may cause injury.



Do not tilt the product while moving the product.

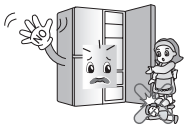


Carry the refrigerator with the handle bar at the bottom of the front and the top of the rear.
Otherwise, your hands may be slipped to cause injury.
Because the product is heavy, carrying it alone may hurt people or accidents may occur.

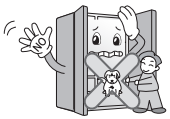


Because opening or closing the door or the home bar of the refrigerator may cause injury to the person around it, be careful, please.

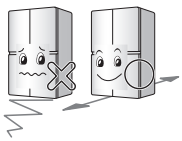
Opening or closing the door may cause feet or hands to be caught in the chink in door or the child to be get hurt by the corner.



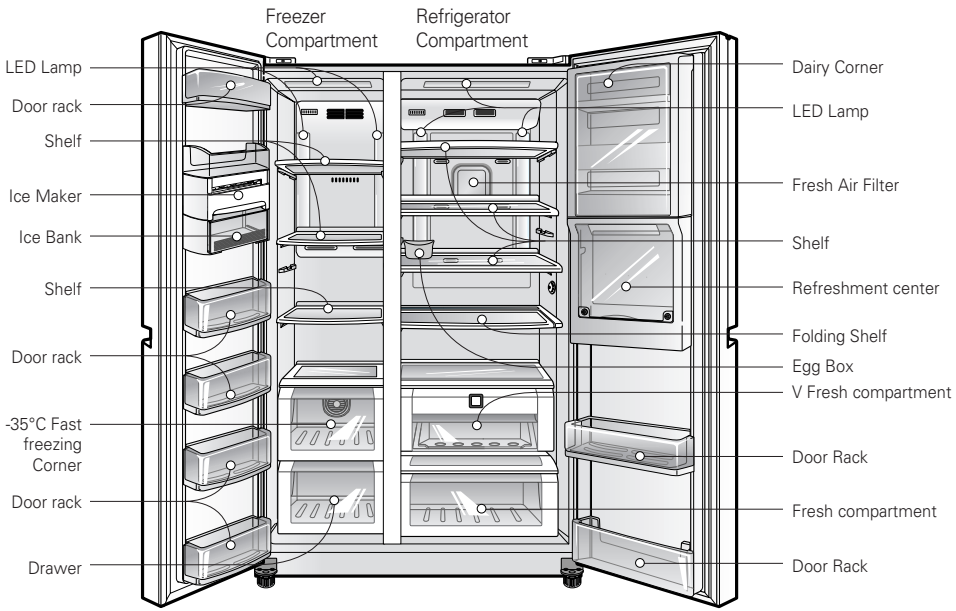
Do not put any living animal in the refrigerator.



If refrigerator is moved in zigzag direction, it may damage the floor. Please move it only in a straight line direction.



Identification of parts



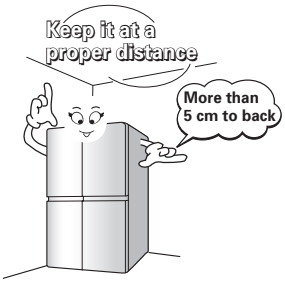
NOTE

- Parts, features, and options vary by model. Your model may not include every option.

Where to Install

Select a good location

1. Place your appliance where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture.
3. To ensure proper air circulation around the fridge -freezer, please maintain sufficient space on both the sides as well as top and maintain at least 2 inches (5 cm) from the rear wall.
4. To avoid vibrations, the appliance must be leveled.
5. Don't install the appliance below 5°C. It may cause affect the performance.



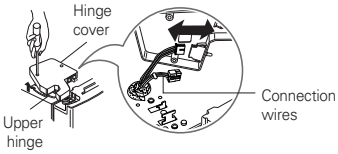
Appliance usage range

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.

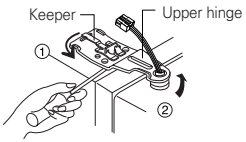
Door removal

Remove the freezer compartment door

1) Removing the hinge cover by loosening the screws. Separate all connection wires.



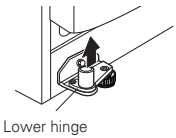
2) Remove the keeper by rotating it counter clockwise (①) and then lifting the upper hinge up (②).



NOTE

- When removing the upper hinge, be careful that the door does not fall forwards.

3) Remove the freezer compartment door by lifting it upward.



NOTE

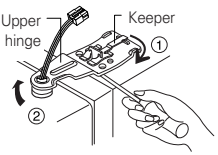
- Move the refrigerator compartment door passing through the access door and lay it down.

Remove the refrigerator door

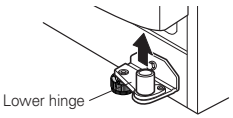
1) Loosen the hinge cover screws and remove the cover. Remove connection wire.



2) Remove keeper by rotating it clockwise (①) and then remove the upper hinge by lifting it up (②).

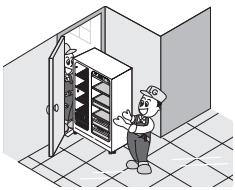


3) Remove the refrigerator compartment door by lifting it up.



Pass the refrigerator

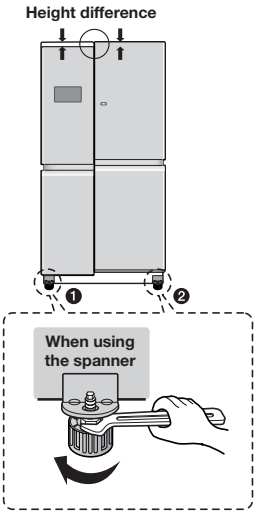
Pass the refrigerator laterally through the access door as shown in the right figure.



Door replacement

Mount them in the reverse sequence of removal after they pass through the access door.

Height adjustment



When the floor is not leveled

- When the height of the door may not be leveled when the floor is not leveled.

▶ When the freezer door is lower – ❶

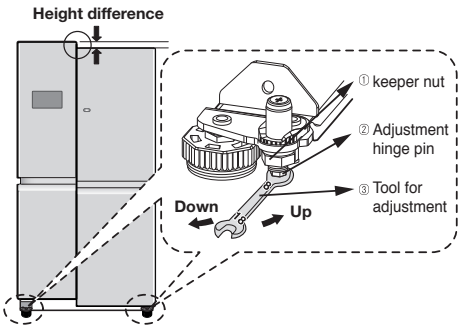
Use the spanner to turn the nut of the height adjustment screw on the left to the counterclockwise direction to level the door.

▶ When the fridge door is lower – ❷

Use the spanner to turn the nut of the height adjustment screw on the right to the clockwise direction to level the door.

When the fridge door is lower than the freezer door

▶ When the fridge door is lower than the freezer door while using the refrigerator, level the doors.



1. Use the ③ tool for adjustment on the wide side to turn nut ① ( ) in the clockwise direction to loosen the keeper nut.
2. Use the ③ tool for adjustment on the narrow side to turn the adjustment hinge pin ② in ( ) clockwise direction or ( ) counterclockwise direction to adjust the height of the fridge and freezer doors.
3. After aligning the height of the door, turn the keeper nut in counterclockwise direction tightly.

⚠CAUTION

Do not force too hard to level the height. The hinge pin can be pulled out. (Adjustable range of height is a maximum of 2" (5 cm))

After leveling the door height

The refrigerator doors will close smoothly by heightening the front side by adjusting the height adjusting screw. If the doors do not close correctly, performance may be affected.

Next

1. Wipe off all dust accumulated during shipping and clean your appliance thoroughly.
2. Install accessories such as the ice cube box, cover evaporating tray, etc., in their proper places. They are packed together to prevent possible damage during shipping.
3. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.

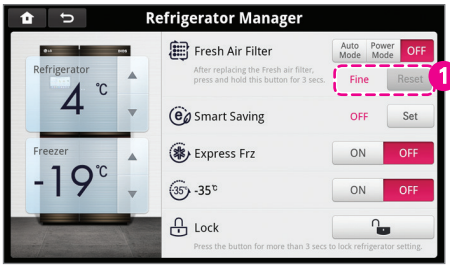
Starting

When your refrigerator is first installed, allow it to stabilize at normal operating temperatures for 2-3 hours prior to filling it with fresh or frozen foods.

If operation is interrupted, wait 5 minutes before restarting.

Control Panel

* Depending on the model, some of the following functions may not be available.





Refrigerator Temperature

Indicates the set temperature of the refrigerator compartment in Celsius (°C).

If you want to set the temperature, touch the up and down arrow button.



Freezer Temperature

Indicates the set temperature of the freezer compartment in Celsius (°C).



NOTE

- The displayed temperature is the target temperature, and not the actual temperature of the refrigerator. The actual refrigerator temperature depends on the food inside the refrigerator.

Fresh Air Filter

The Fresh Air Filter helps remove odors from the refrigerator. The Fresh Air Filter has two settings, Auto and Power(PWR). In Auto mode, the Fresh Air Filter will cycle on and off in increments of ten minutes on and one hundred ten minutes off. If set to the Power(PWR) mode, the Fresh Air Filter will stay on continuously for four hours, cycling on and off in increments of ten minutes on and five minutes off. After four hours, the Fresh Air Filter will switch back to Auto mode.



Change Filter

- Replace Filter notification.
  ❷ `Replacement' is shown on the screen.
  ❶ Reset Button will activate.
- After replacing the filter, press and hold the `Reset' button for approximately 3 seconds to complete replacement of the filter.
  It is recommended to change the air filter approximately every six months.

Express Frz

This function increases both ice making and freezing capabilities.

- When you touch the `ON' button, this function will automatically shut off after 24 hours.
- You can stop this function manually by touching the `OFF' button.



Smart Saving

The Smart Saving function disables the mullion heater located on the refrigerator door in order to conserve electricity. Touch the On or Off button to turn the Smart Saving feature either on or off.



NOTE

- Discontinue using the Eco Friendly function if excessive moisture begins to collect on the door mullion.

Lock

If you enable the Lock to prevent a mistake, you can not touch any button except unlock button.



- Activate the Lock to disable every function on the display except for the Lock button.
- To activate the Lock, press and hold the Lock button for approximately three seconds. The Lock icon will display and the Lock function is now enabled.
- When the Lock function is activated, no other buttons will work. The dispenser pad is also deactivated.
- To disable the Lock function, press and hold the Lock button for approximately three seconds.

Power Saving Mode

When the refrigerator is in the Power Saving Mode, the display will remain off until a door is opened or a button is pressed. Once on, the display will remain on for 1 minute and photo slide show. Photo slide show time can be set in Settings > Screen Saver.

Home Screen

- The Home screen shows Widgets, Function Icons, Date/Time, Wi-Fi, Energy Saving, Zigbee.
- If you wish to change the order and position of Homescreen widget, use Settings > Edit Homescreen.

Wi-Fi signal strength display
Displays the Wi-Fi signal connection. If Wi-Fi is not connected, check your wireless network.

Lock
When the Lock is set, all functions on the display screen are disabled except for the Lock button.



Function Icons
This is composed of 8 icons.

Widget
The home screen Includes nine Widgets that are located on seven separate pages. You can scroll through the pages by swiping left or right.

⚠CAUTION

- The touch screen will only respond to the human touch. Touch gloves, pens or other objects will not work with the touchscreen, and may cause a malfunction.

Basic Buttons

- When a function icon is touched, the basic buttons ( ) will display on the top left corner.



Home Button

Touch the Home button to return to the Home screen.

Back Button

Touch the Back button to return to the previous screen.

⚠CAUTION

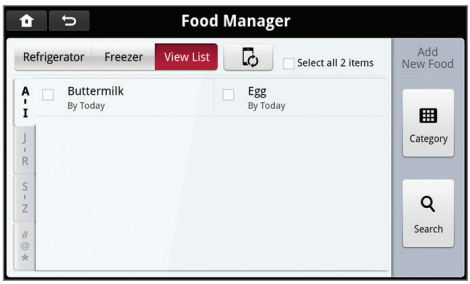
The touch screen will only respond to the human touch. Touch gloves, pens or other objects will not work with the touchscreen, and may cause a malfunction.

Food Manager

- Touch the Food Manager button at the bottom of the Home screen.
- In Food Manager, you can search for food items with the Add New Food button or magnify lens button to search using the keypad.



- You can check the food stored in each chamber (Refrigerator, Freezer, etc.).
- Select View List to view the entire food list in alphabetical order.



Food Manager by Category

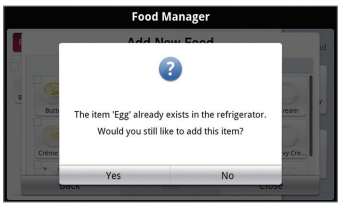
The Category tab in the Food Manager screen allows you to easily select food items to add to your refrigerator or freezer by category.

- Select the Food Manager button on the Home Screen.
- Select the Refrigerator or Freezer button.
- To add food items to the refrigerator by category, select Category.
- Select the Category tab.
- Select the desired food category.
- Select the food items that you would like to add to the refrigerator. Once all of the desired food items in that category are selected, touch the Add button.
- Touch the Back button to return to the category list and add more food items.



⚠CAUTION

If a food item is already in the refrigerator, an alert will display on the screen.



Frequently used Items

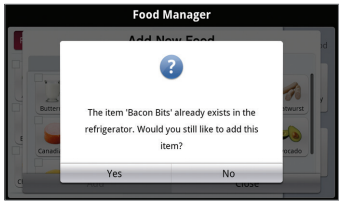
The Frequent tab contains up to 20 of your most frequently used food items.

- Select the Food Manager button on the Home Screen.
- Select the Add New button.
- Select the Frequent tab.
- Select the food item(s) that you would like to add to your refrigerator.
- Select the Add button.



NOTE

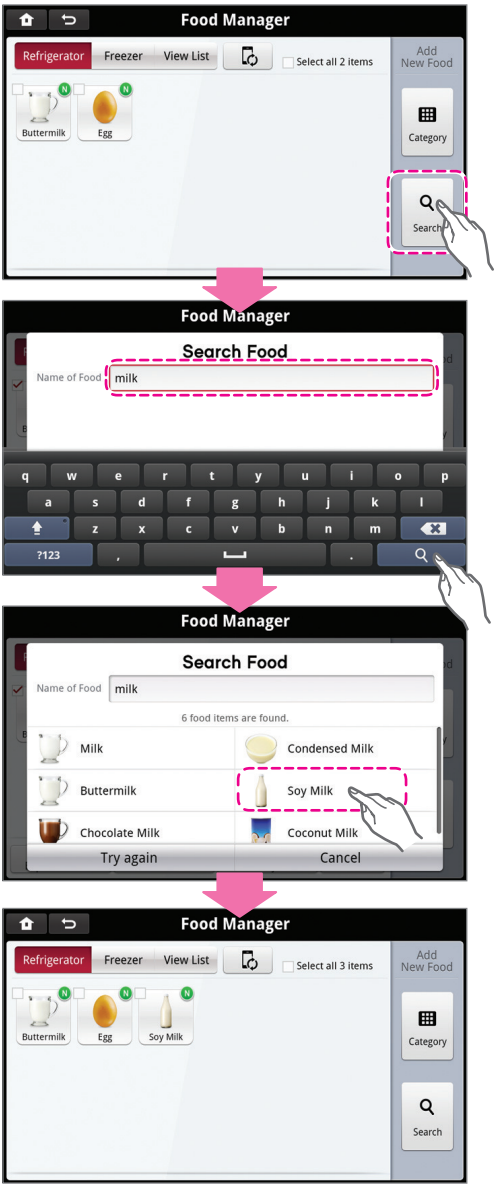
- If a food item is already in the refrigerator, an alert will display on the screen.



Food Manager Using Keypad

Search for food items using the keypad.

- Select the Food Manager button from the Home screen.
- Select the [🔍].
- Using the keypad, type in the name of the food that you are searching for.
- Touch the magnifying glass button.
- Select the item that you would like to add to your refrigerator.

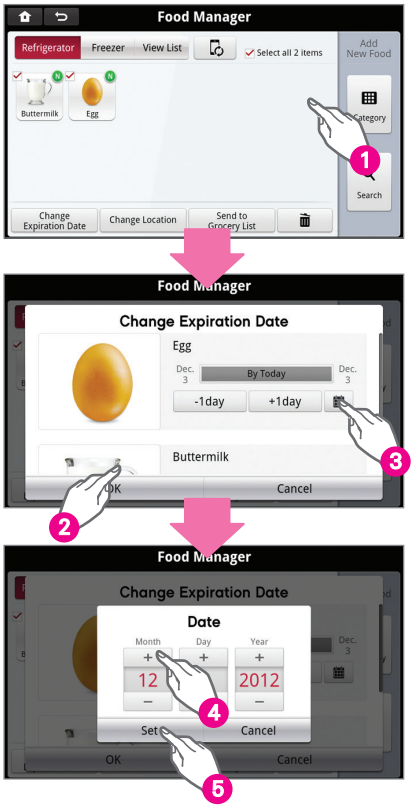


NOTE

- If a food item is already in the refrigerator, an alert will display on the screen.

Modifying food information

- After the item has been loaded to the refrigerator, you are able to enter detailed information about the item, such as quantity and an expiration date.
- To enter information on an item, touch the item in the refrigerator.



- Enter desired information into the Food Details popup. To enter quantity, touch the +/- buttons. To enter an expiration date, touch the Change Expiration Date button and use the +/- buttons to set the date.
- The Freshness Tracker widget informs you of food that is about to expire.

NOTE

- Do not store food longer than the expiration date. Be careful not to add an incorrect expiration date.
- Do not let children play with the refrigerator.
- If you have duplicate food items with different expiration dates, make sure to delete the correct food item with the correct expiration date.
- If transferring food from the refrigerator to the freezer (or the other way around) make sure to change the storage information.
- Consider the time and environment of the food while entering storage information.
- Update the storage information of leftovers.
- Make sure that all food items are properly packaged. Storage information for improperly packaged food may not be the same as the original storage instructions.

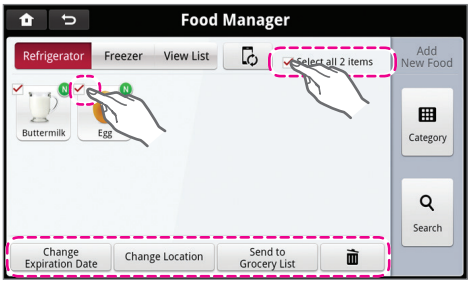
⚠CAUTION

- It is the user's responsibility to determine the correct food storage information. The manufacturer of the food or refrigerator will not be held liable for improper storage information.

Function Menu

To edit your refrigerator list or to edit food information.

- Select the Food Manager button on the Home Screen.
- Touch the box on the upper left hand corner of the food item(s) that you would like to edit. To select all food items, touch the box in the upper right hand corner of the display that says “Select all items.”
- Select the appropriate function button on the bottom of the screen.



1) Change the expiration date (storage period)

- After selecting the items that you would like to change the expiration date for, touch the Change Expire Date button.

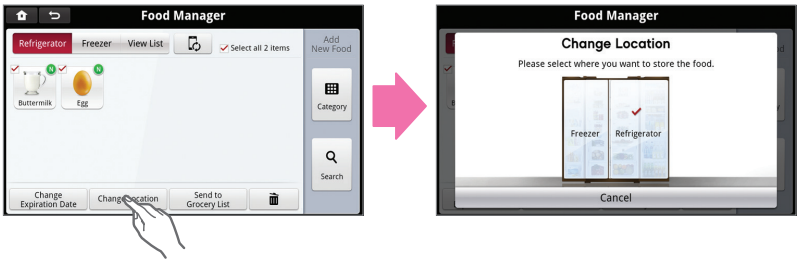
- All of the selected items will appear in the display (scroll down to view them).

- Use the calendar button to change the expiration date. You can also use the -1 or +1 buttons to either subtract or add days to the expiration date.

- Touch the Set button (if using the calendar button) or the OK button (if using the -1 day/+ 1 day buttons).



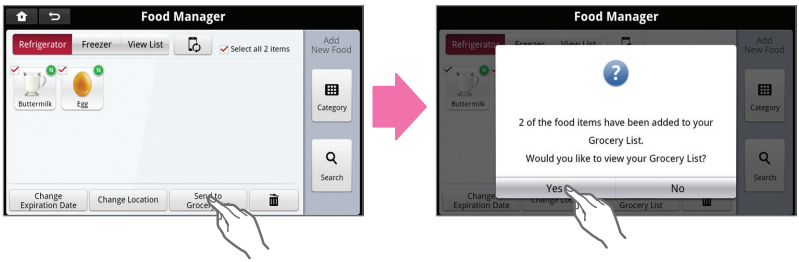
2) Change Location



After selecting the items that you would like to change the location of:

- Select the Change Location button.
- Touch either the Refrigerator or Freezer section. A check mark will display in the section selected.
- Touch the OK button when finished or the More button to add more food items.

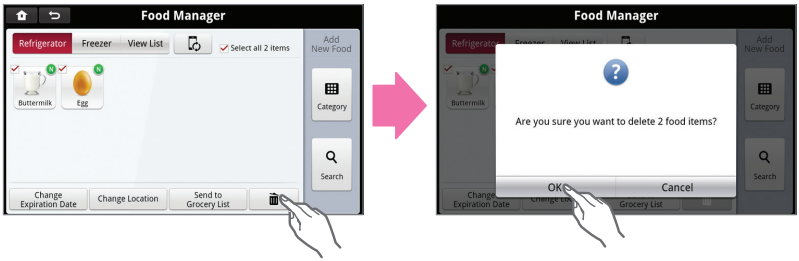
3) Send to Grocery list



After selecting the items that you would like to send to your grocery list:

- Touch the Send to Grocery List button.
- Touch the OK button to view your grocery list or the Cancel button to return to the Food Manager screen.

4) Delete



After selecting the items that you would like to delete:

- Touch the Delete button.
- Touch the OK button. Press the Cancel button to cancel the request.

Send Food List to Phone

This is the button to send or load the food list to or from the phone.

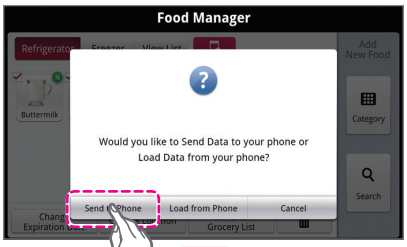
1) Send

From the Home screen, touch the Food Manager button.

- Touch the phone icon.



- Touch the Send to Phone button.



- The refrigerator list will now be sent to the Smart Phone that is registered with the refrigerator.



⚠CAUTION

If the user does not log in(Product Registration) in 'Settings' menu, the food information is not updated.

2) Load from Phone

Touch this button to open the current food list sent from the server and smart phone.

- When the information is sent from Smart phone to the display screen, the user can check whether the applicable changes are applied.
- Popup is displayed based on the success/ failure of the send result.

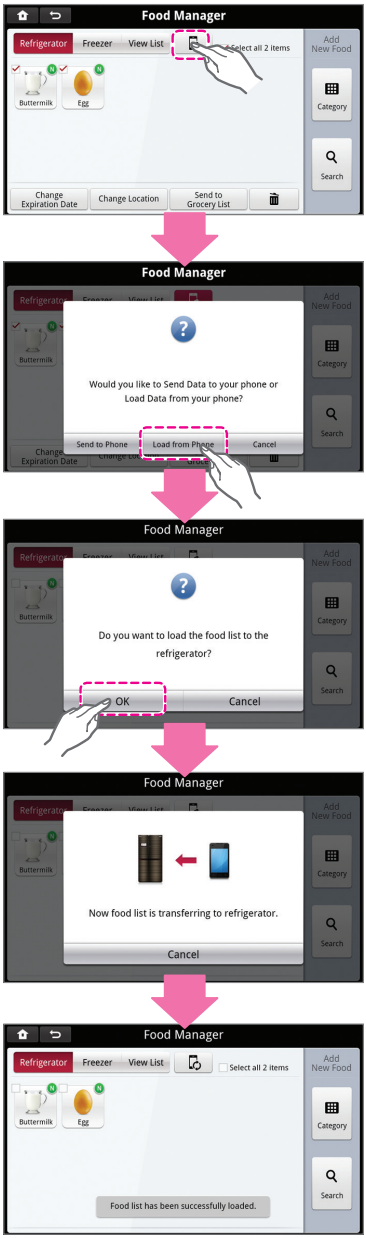
From the Home Screen, touch the Food Manager button.

- Touch the phone icon.
- Touch the Load from Phone button.

- The food list previously sent to your Smart Phone will send to the refrigerator.

⚠CAUTION

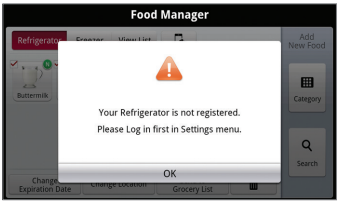
- If the user does not log in(Product Registration) in 'Settings' menu, the food information is not updated.



▶ **Send/Load error**

- In case of wireless network error, the error popup window is displayed. Touch the Ok button and touch the Send or Load button again to refresh the screen.

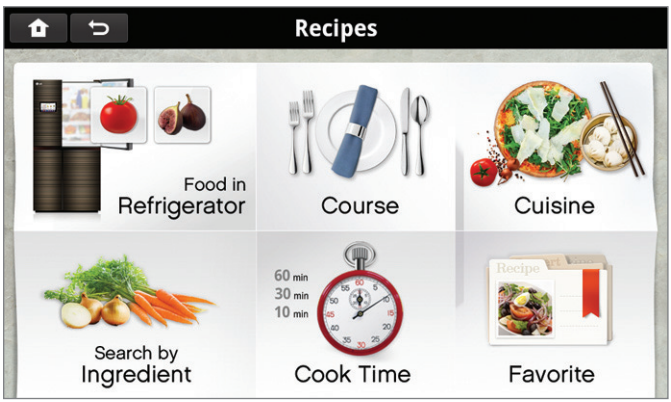
* If the network is not connected, the same message is displayed. Touch Ok for use, and there is no issue with Food Manager.



Recipes

- The Recipes function can be accessed either by selecting the Recipes icon from the bottom of the home page or by touching the Recipes widget on the home screen.
- In the Recipes section there are several options for finding recipes:
- **Search for Recipes:** You may search for recipes by Course, Total time, Ingredient, or Cuisine.
- **Food in Refrigerator:** Your refrigerator will recommend recipes to you using items you already have in your refrigerator. You may add ingredients to included in your recommendations through Food Manager. Please refer to the Food Manager section of this manual for more information on this.



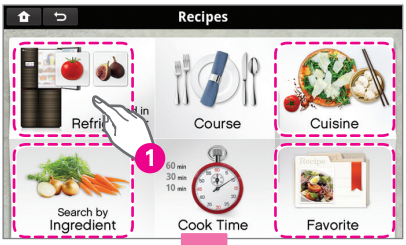


Recipes Search

- There are four different ways to search for recipes: By Course, Ingredient, Cuisine, or Total Time.

Using Recipes Search

- ❶ Select the desired search method.



- ❷ Once you have selected your preferred search method, a new screen will appear on the left side with a list of categories. Select the category for which you would like to view recipes.
- ❸ A list of recipes pertaining to the category you selected will appear directly to the right of the category list. The category you are currently viewing will remain appear highlighted in the category list.
- ❹ Scroll up and down the recipes list to identify your desired recipe. Once you have found a recipe you would like to view, select the recipe by touching it. The recipe will appear.
- ❺ To return to the View Recipes screen from a recipe, touch the Close button in the lower right hand corner.





- In the same way, the recipes for Total Time, Ingredient and Cuisine can be viewed.

Add to Favorites / Remove Favorite

You can register/delete frequently used recipes.



Click!



Add to Favorites

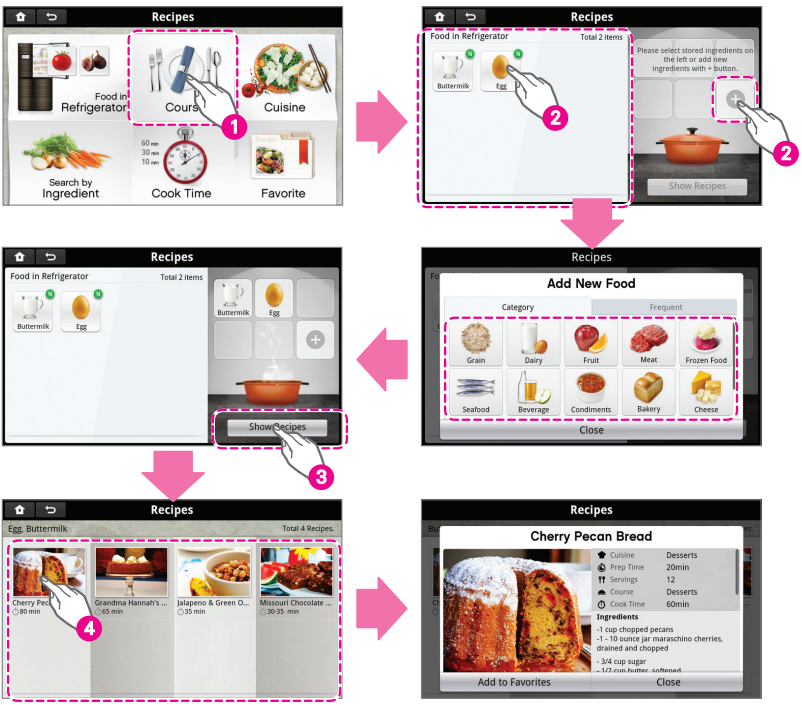


Remove Favorite

Food in Refrigerator

This feature will recommend recipes to you based on items you have available in your refrigerator.

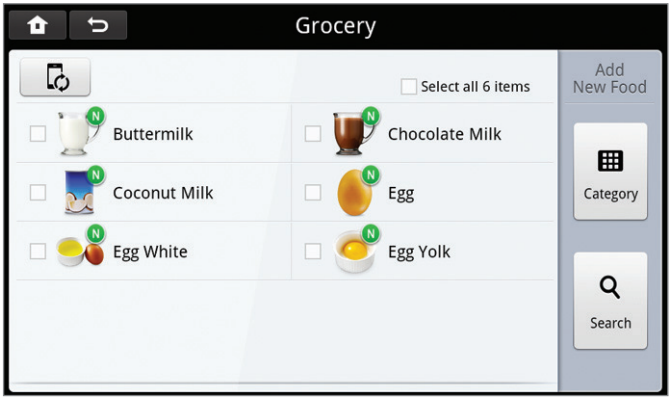
Viewing Recommended recipes



1. Touch the Food in the Refrigerator button.
2. Select the items in the refrigerator that you would like to see recipes for, or touch the + button to add food that does not appear in your refrigerator.
3. Once all of the food items are added, touch the Show Recipes button.
4. Scroll through and select the recipes that you would like to display. Touch the OK button to close out the recipe screen or touch the Add to Favorites button to add the recipe into the Favorites section in the LG Smart Range Recipes screen.

Grocery

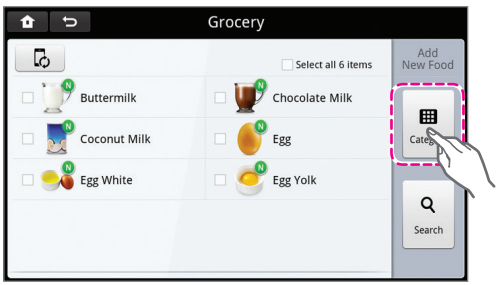
- Touch the Grocery icon at the bottom of the Home Screen.
- The Grocery function allows you to make a grocery list on your refrigerator and send the list to your Smart Phone.
- User can put the item to buy in the list and manage the shopping basket.
- The shopping basket list of the product can be interfaced with smart phone using Phone Sync function.



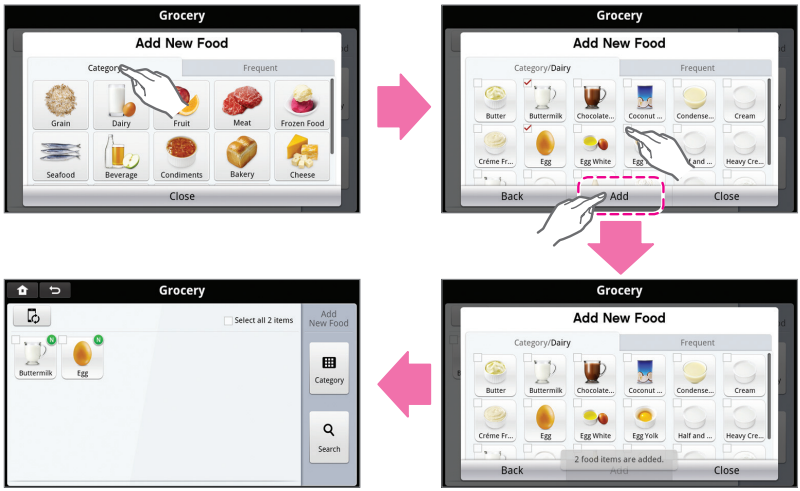
Add New Food

To make a grocery list:

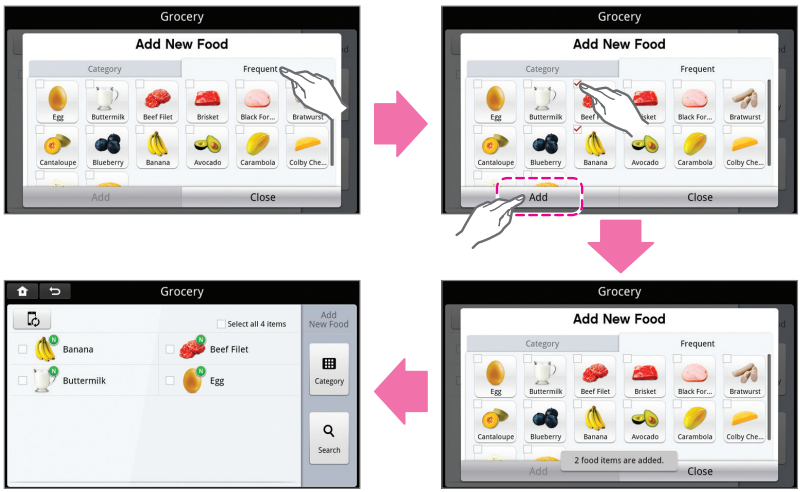
- Touch the Grocery button on the Home screen.
- Touch the Category button.
- Search for food in the Category or Recommend tabs.
- Select the food items that you would like to add to your grocery list by touching the food item(s) icons. Make sure that the box in the upper left hand corner of the item is checked.
- Touch the Add button.



Category



Frequent



To Add Food to the Grocery List using a Keypad

- Navigate to the grocery list.
- Touch the magnifying glass button.
- Type in the name of the food that you are searching for.
- Touch the magnifying glass button to search.
- Select the desired food item from the search list.

If the food item does not show up, then touch the Try Again button and retry. Otherwise, the item may not be an option on the refrigerator.



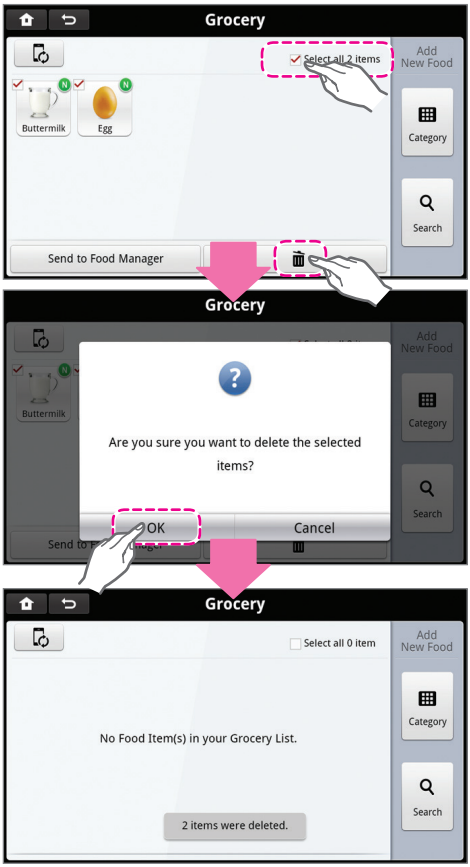
To Add the Grocery Items to the Food Manager

- Navigate to the grocery list.
- Select the items that you would like to add to either the freezer or refrigerator.
- Touch either the Send to Refrigerator or Send to Freezer button, depending on where you will be storing the selected food.



To Delete Groceries from the List

- Navigate to the grocery list.
- Select the groceries that you would like to delete.



Phone

To send or load the grocery list to your Smart Phone:

- Navigate to the grocery list.
- Touch the phone button.



⚠CAUTION

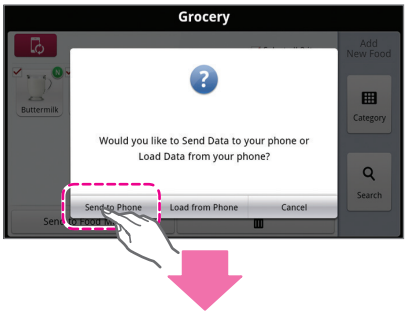
You will not be able to load the grocery list to your smart phone if the refrigerator has not been registered.

To send the grocery list to your Smart Phone:

- Touch the phone button.



- Touch the Sent to Phone button.

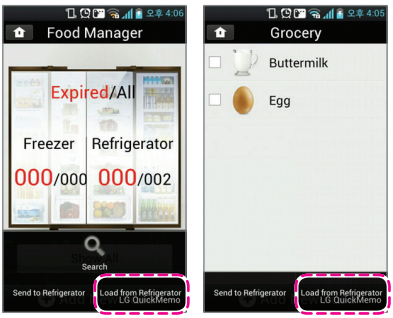


- When the information transmission is completed, the transmission success message will be displayed.



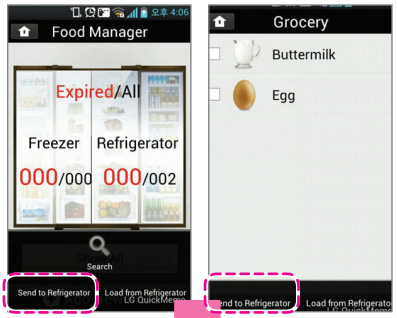
- Run LG refrigerator app, log in, enter Food Manager or Grocery, and press option key(or button) of the smart phone, then Load from Refrigerator menu will be displayed.

You can synchronize the information of the product with the smart phone through this menu.

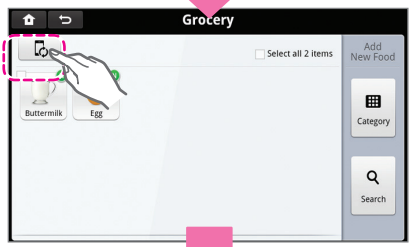


To load a grocery list from your Smart Phone

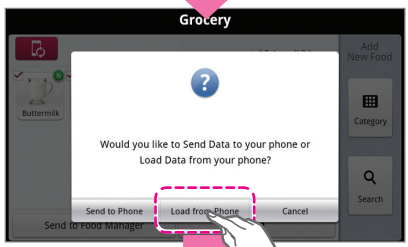
- Run LG refrigerator app, log in, enter Food Manager or Grocery, and press option key(or button) of the smart phone to run Send to Refrigerator.



- Touch the phone icon.



- Touch the Load from Phone button.



- Touch the OK button.



- Try to synchronize the information.

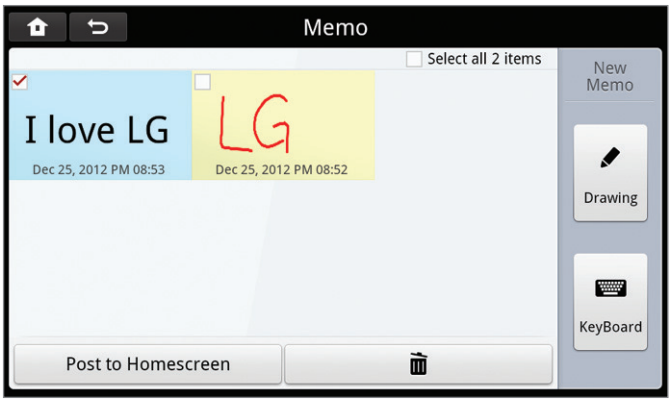


⚠CAUTION

For the synchronization of the information of the product with the smart phone, the product must be registered, and you must log in with the ID and password of the product registered after installing LG refrigerator application in the smart phone.

Memo

- Touch the Memo icon on the bottom of the Home Screen or the Memo widget.
- The concept of post-it is expanded for text input and it also supports drawing memo.



Add memo by typing

Add memo by drawing

Post to Homescreen **Register to home screen widget**

Delete **Delete memo**

Creating a Memo

Create a new memo by either typing a message or drawing a picture.

1) Typing a memo

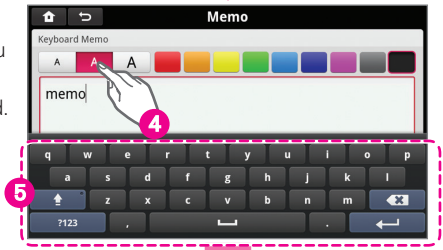
1. Touch the Memo( ) button on the Home screen.
2. Touch the keypad button.



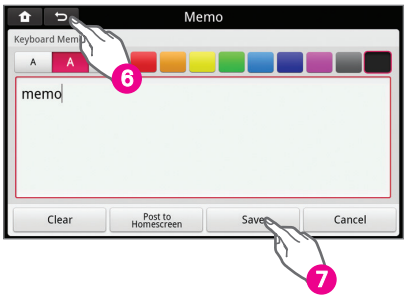
3. Touch the blank screen that says "Enter text here."



4. A keypad will appear in the display. Touch the color and font size that you would like to use.
5. Type your message using the keypad.

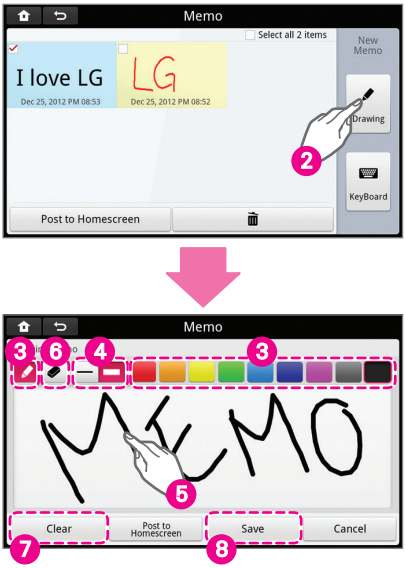


6. When finished typing your message, touch the arrow button on the top left of the display.
7. Touch the Save button.



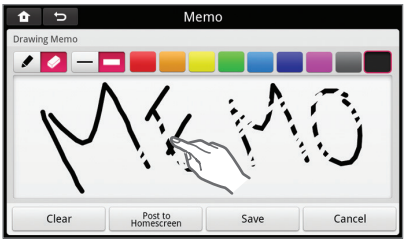
2) Drawing a memo

1. Touch the Memo( ) button on the Home screen.
2. Touch the crayon icon.
3. Select the color of your memo.
4. Select the thickness of the line that you would like the memo to be.
5. Use your finger on the Drawing Memo screen to draw a picture.
6. Touch the eraser button to erase part of the memo. Use your finger as the eraser.
7. Touch the Clear button to clear the screen.
8. Touch the Save button to save the memo.



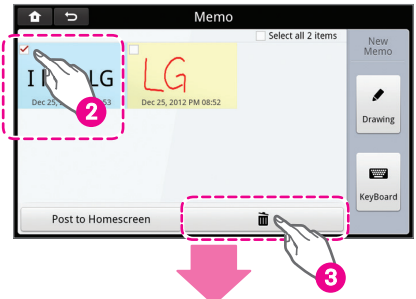
* How to use the eraser

- Select the eraser button.
- Use your finger to to wipe away the information in the memo screen.

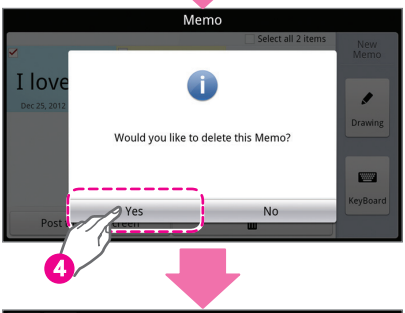


Delete a Memo

1. Touch the Memo( ) button from the Home screen.
2. Select the memo that you would like to delete.
3. Touch the Delete button.



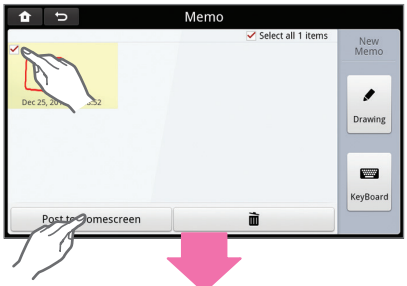
4. Touch the OK button.





Save Memo to Home Screen

- Touch the Memo( ) button on the Home screen.
- Touch the memo that you would like to save to the Home Screen.
- Touch the Post to Homescreen button.



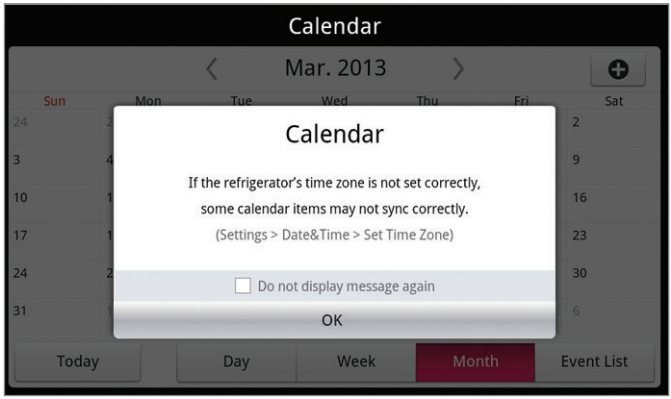
- View the Memo by navigating to the Home Screen next to the weather widget.



- Touch the Memo( ) button from the Homes Screen.
- Select the Memo that is posted to the Home Screen.
- Touch the Delete from Homescreen button.



Calendar

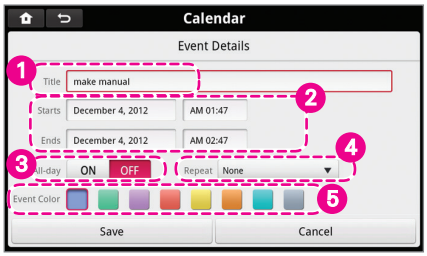


⚠CAUTION

- If the refrigerator's time zone is not set correctly, some calendar items may not sync correctly. (Settings > Date & Time > Set Time Zone)

Schedule events

- Touch the Repetition button to make it a recurring or one-time event. Swipe up or down for the repetition options.
- Touch the Save button to save the event.



- Customize your event. Touch the Title box and a Keypad will display. Type in the name of your event. Touch Done.



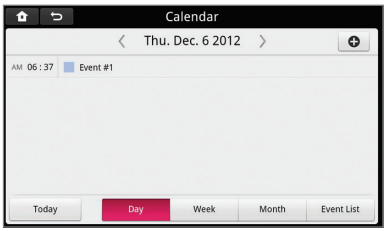
- Enter the start and end date by selecting the the date and time buttons. Adjust the date/time by using the +/- buttons on the display.

- Touch the Set button to save the date/time settings.

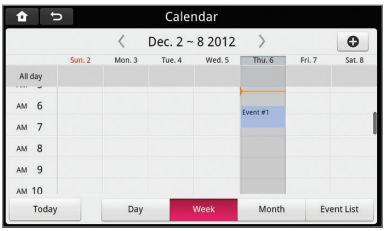
View Events

- Navigate to the Calendar widget screen.
- Touch the arrow buttons next to select the month.
- Use the buttons on the bottom of the screen to view events either by Day, Week, Month or as an Event List.

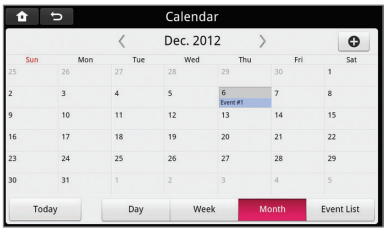
❶ View daily event



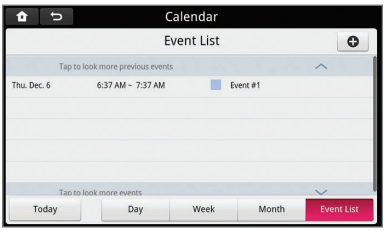
❷ View weekly event



❸ View Monthly event

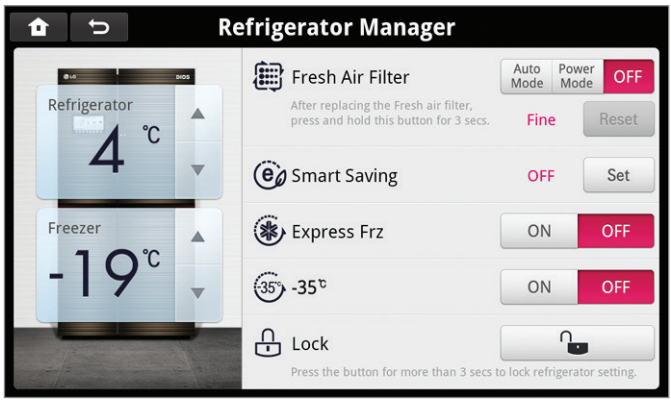


❹ When selecting List Tasks



REF Manager

- The Ref Manager is where you would go to change the refrigerator/freezer settings or to activate certain features.
- Temperature Settings
- Touch the up and down arrows in either the Refrigerator or Freezer sections to change the temperature in either compartment.
- Refer to the Control Panel section for more information on the use of the refrigerator controls.

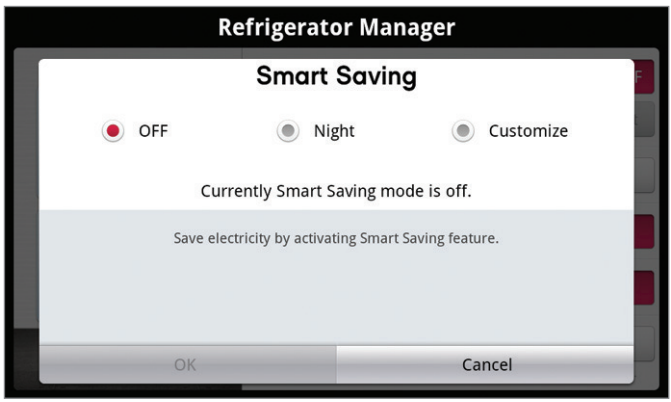


Smart Saving

Demand Response Functionality

The Smart Saving feature will lower Energy usage based on delay defrost.

- When this function is on, the Delay Defrost function will automatically turn off.



*** This function can be used by the power company to provide Demand Response signal transmission service.**

Please contact the power company.

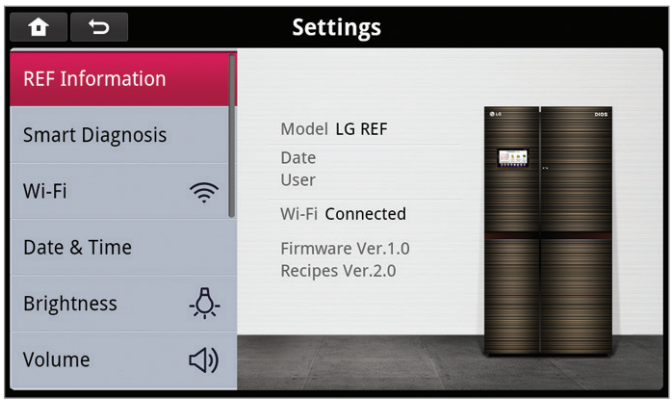
Settings

- Touch the Settings button to view or modify the display settings: REF Information, Smart Diagnosis, Wi-Fi, Date & Time, Brightness, Volume, Update, Edit Homescreen, Screen Saver, Freshness Tracker Alert, Log In, Factory Reset.



REF Information

- Displays product information, connections and software versions.



Smart Diagnosis

- Should you experience any problems with your appliance, it has the capability of transmitting troubleshooting information via phone.
- Select the method of Smart Diagnosis that you would like to use.



Audible Diagnosis

- Touch the Audible Diagnosis button to use Smart Diagnosis using your Smart Phone or the call center.

Smart Diagnosis using your Smart Phone:

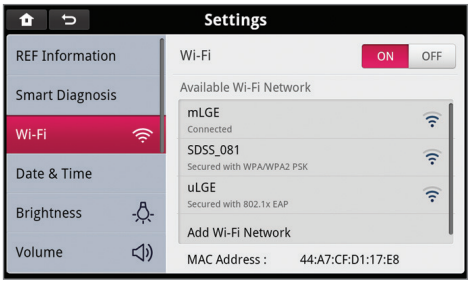
1. Touch the Audible Diagnosis button.
2. Touch the Self Diagnose using your smart phone button.
3. Follow the instructions on the display screen.

Smart Diagnosis using the LG Customer Support Center:

1. Touch the Audible Diagnosis button.
2. Touch the Smart diagnosis through the call center button.
3. Follow the directions on the display screen.

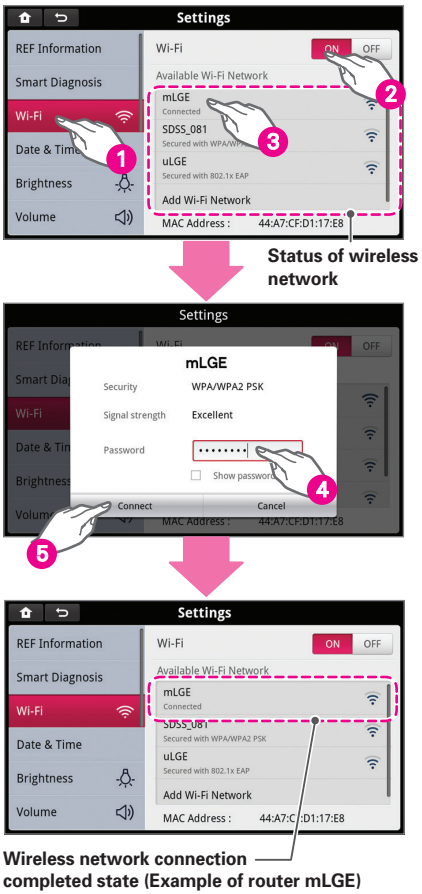
Wi-Fi

- Touch the Wi-Fi button on the Settings screen.
- Touch the Wi-Fi on/off button. The Wi-Fi is turned on when there is a check mark in the box.



Connecting to a wireless network

1. Touch the Wi-Fi button from the Settings screen.
2. Touch the ON button.
3. Select your network from the list of available networks.
4. If necessary, enter your wireless password. Refer to the next page for instructions on how to enter your wireless password using the keypad.
5. Touch the Connect button to complete the wireless setup.



⚠CAUTION

- When searching for the wireless network, wireless routers other than the one installed in the house hold used nearby can be searched. Using other routers without permission is illegal and can result in legal consequences when found. Therefore always use only the wireless routers that are authorized for use.

How to enter your wireless passowrd

- Touch the Password box
- A keypad will display.
- Enter your password.
- Touch the Done button.







Shift for lowercase or capital letters



Space button



Delete button



Alphabet/Number and special character switch button



Role of exchanging English and Special characters

⚠WARNING

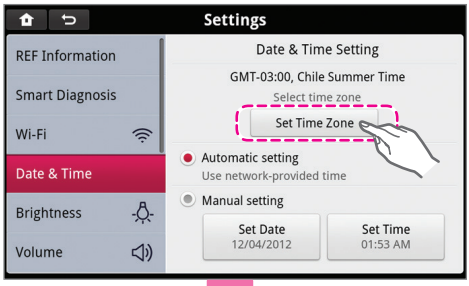
Warning when setting the Wi-Fi network

- LG Electronics is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- Network connection may not work properly depending odn Internet service provider.
- Wireless network can experience interference from other devices with 2.4 GHz frequency (wireless phone, Bluetooth device, or microwave oven). Interference may also be caused by devices with 5 GHz frequency, the same as any other Wi-Fi devices.
- The surrounding wireless environment can make wireless network service run slowly.
- Failure to turn off all local home networks may cause excessive traffic on some devices.
- Invalid settings of network devices (wired/wireless line sharer, hub) can cause the appliance to operate slowly or not operate properly. Install the devices correctly according to the appropriate manual and set network.
- Certain connected features (such as Program Update) will operate slowly if the Wi-Fi connection strength is not strong. To improve the Wi-Fi signal strength, it is recommended to purchase a Wi-Fi repeater.

Date & Time

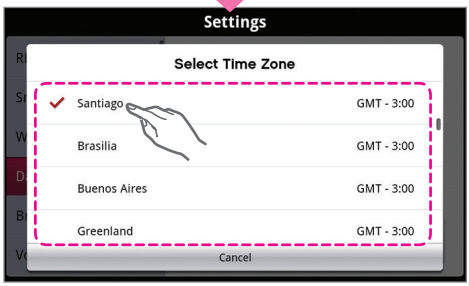
Select your time zone

- Touch the Date & Time button from the Settings screen.
- Touch the Set Time Zone button.
- Scroll through the time zones by swiping the Select Time Zone screen up or down.
- Touch the desired time zone button.



To manually set the date and time

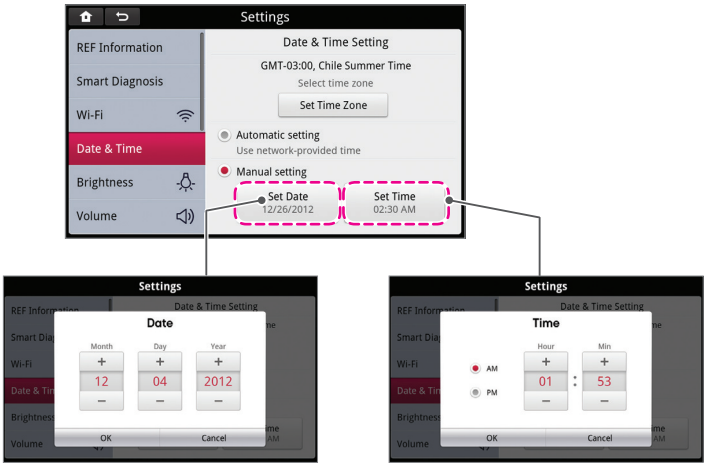
- Touch the Manual Setting circle.
- Touch the Set Date or Set Time button.
- Use the +/- buttons to increase or decrease the numbers for the date or time. If setting the time, touch the PM/AM button to change it from either PM or AM.
- Touch the Set button.



⚠CAUTION

- If Time Zone is not correct, the Sync of Calendar information may not be correct.

When the user sets the date and time



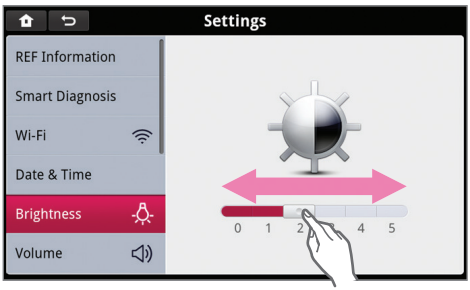
⚠CAUTION

- Saved data value can be different from that of the network based on the date/time set up by the user.

Brightness

Touch the Brightness button from the Settings screen.

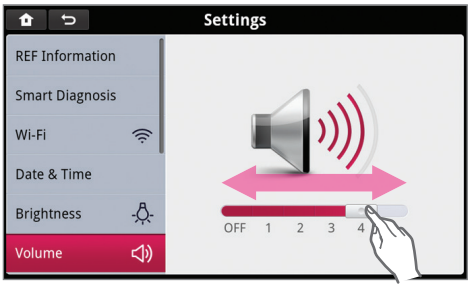
- Move the scroll bar left (darker) or right (brighter) to control the brightness of the display screen.



Volume

Touch the Volume button from the Settings screen.

- Move the scroll bar left (softer) or right (louder) to control the volume of the display screen.
- Move the bar all the way to the left to turn the volume off.

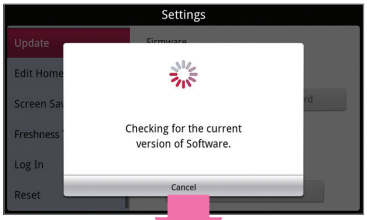


Update

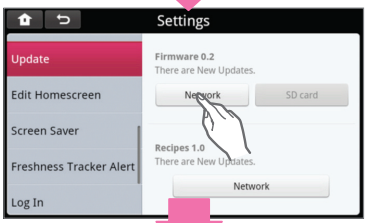
Once the user registration is complete, the firmware and recipes will automatically update through the network.

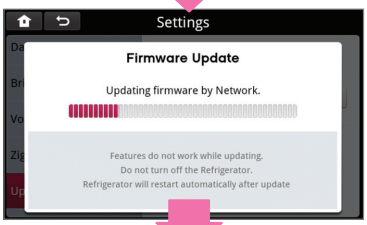
Update firmware

- Once you are registered, touch the Update button from the Settings screen.
- Firmware and recipe updates are automatically checked.



- Touch the Network button if "There are new updates" appears in the display.
- After the update, the system will automatically reboot.
  Do not touch the screen while the firmware is updating.
- The update may take longer depending on the Wi-Fi connection. Please be patient. If the screen stalls during the update (progress bar has stopped) open the door and flip the reset switch off and on.







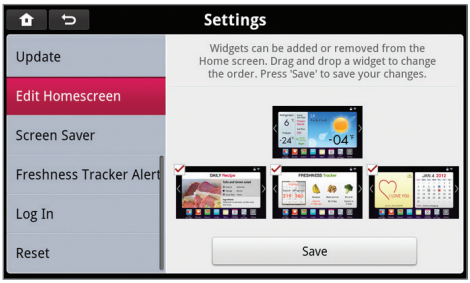
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Edit Homescreen

Widgets can be added or removed from the Home screen. Check the widgets that you would like to appear on the Home Screen. Uncheck the ones that you would like left off.

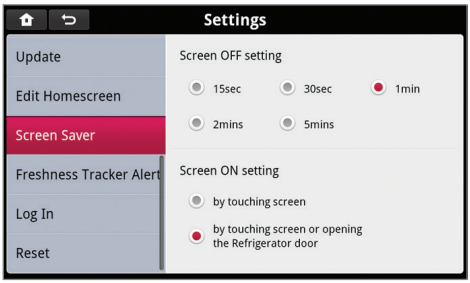


Drag and drop a widget to change the order. To do this:

- Touch and hold the widget until the white box in the upper left hand corner of the widget disappears.
- Drag the widget in the desired location.
- Touch the Save button to save your changes.

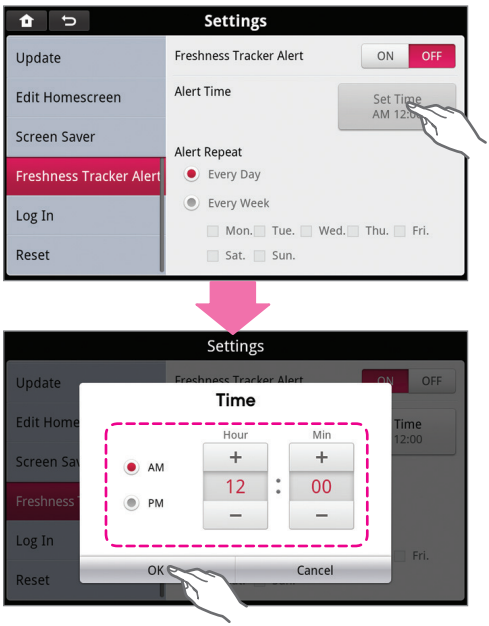
Screen Saver

Touch the Screen Saver button in the Settings screen to modify the screen saver settings.



Freshness Tracker Alert

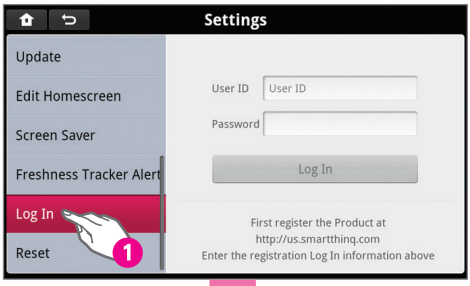
Touch the Freshness Tracker Alert button in the Settings screen to change the settings of your Freshness Tracker.



Log In

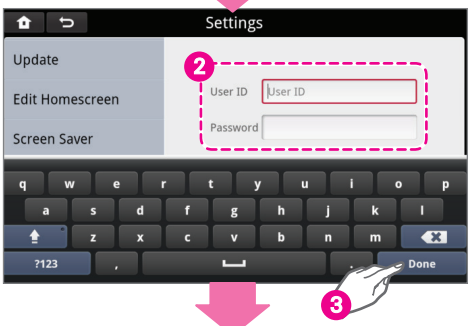
- You can register(log in) the product with the ID/PW subscribed/registered to home page(http://us.smartthinq.com)

❶ Touch the Log In button from the Settings screen.

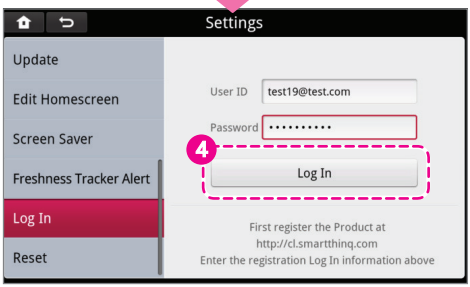


❷ ❸ Touch the User ID box. A keypad will display.

- Enter your User ID using the keypad.
- Touch the Done button.
- Touch the Password box. A keypad will display.
- Enter your password.
- Touch the Done button.



❹ Touch the Log In button.

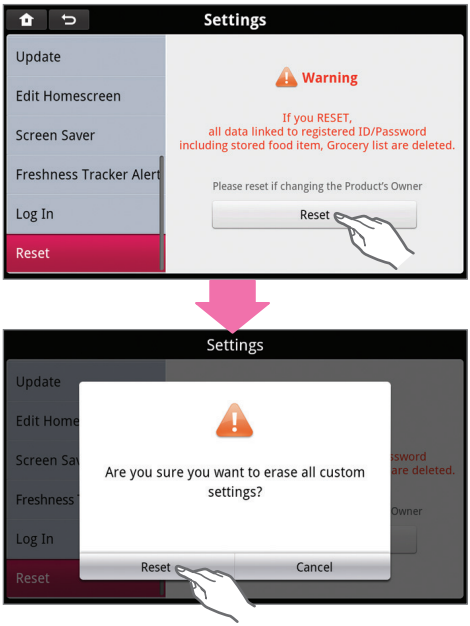


⚠CAUTION

- It must be connected to the wireless network for Log In.
- To use LG refrigerator app in the smart phone, you must register the product(Log In).

Reset

The Factory Reset erases all custom settings linked to the registered account. Data stored in the Food manager, Favorite Recipes, Grocery, Memo, Calendar, Photo Album and User Log In will be deleted.

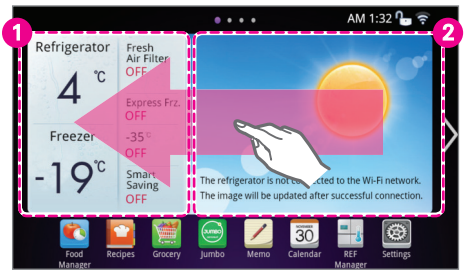


Using the Widgets

- A widget is a mini application that can be accessed without using a web browser.
- There are nine widgets that are loaded to the display: REF Manager, Smart Saving, Weather, Freshness Tracker, Daily Water, Photo Album, Recipes, Memo and Calendar.
- View the widgets by swiping your finger left or right on the display screen. The Home screen can be set to any of the below widget screens.
- You can set the food storage information with food storage indicator window in 'Settings > Freshness Tracker Alert'.

1. REF Manager widget

- Shows information of REF manager. (Refrigerator/Freezer temperature, Fresh Air Filter Mode, Water Filter status, Ice Plus Mode)

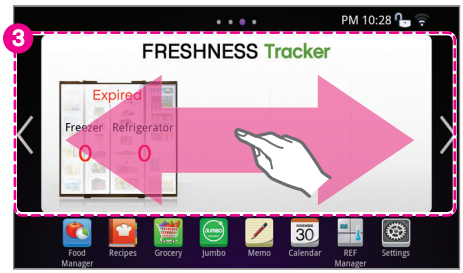


2. Weather widget

- Displays the current temperature and weather image of the set region.
- Refer to the "Setting the weather widget" section for more information.

3. Freshness Tracker widget

- Shows the food items that have passed or are approaching their expiration dates.



4. Recommended recipe widget

- This recommends and displays recipes that can be prepared based on the stored food in random order.
- The recipe shown in the widget is refreshed at 7AM every day, and after visiting Food Manager contents, recipe widget is also refreshed.

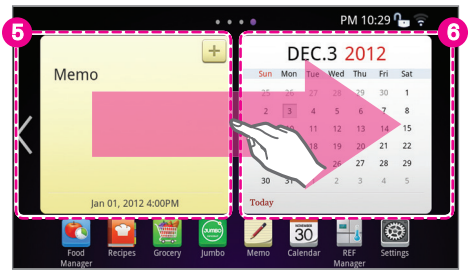


5. Memo widget

- Display the memo that you close to post to the Home Screen.

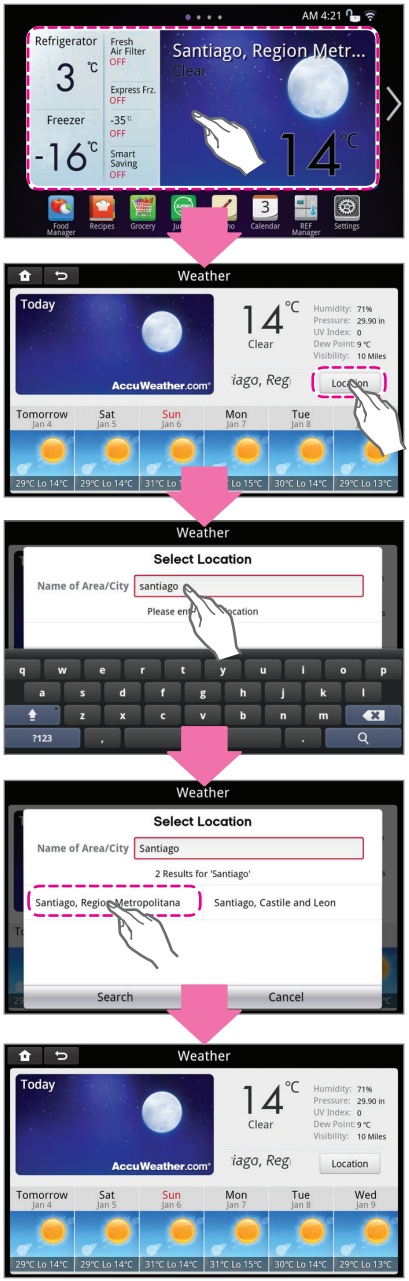
6. Calendar widget

- Display the calendar and weekly events.



Setting the weather widget

- To change the weather region on the Weather widget:
- Touch the weather widget on the Home screen.
- Touch the Location button on the upper right hand corner of the display.
- Touch the region box.
- A Keypad will display. Type the region that you would like to search and touch the Done button.
- Select the desired city from the search results.



⚠CAUTION

- This function only works when the system is connected to the Wi-Fi network.
- Applicable weather only includes weather information provided by Accuweather Co. Ltd.

Fresh Air Filter

Fresh Air Filter

Fresh Air Filter provides the antibacterial function of removing virus or bacteria as well as the deodorizer function of removing the odor within the refrigerator.
The performance test of the Fresh Air Filter has been done and proved through a public certification organization (Intertek).

- The filter can be used for 1-2 years. (This may vary based on the environment of the filter the consumer uses in.)

⚠CAUTION

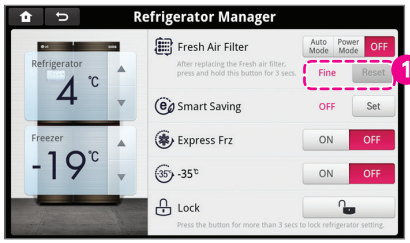
- When the user switches to AUTO or POWER mode, the LED near the filter will be turned on. Open the refrigerator door to check whether the LED near the filter is turned on. Do not insert the finger or any other alien object inside the fan. It can cause an injury or malfunction.

⚠CAUTION

- Do not wash the Fresh Air Filter as it can deteriorate the performance.
- If the user continues to use the Fresh Air Filter past the time to replace, the antibacterial and deodorizing performance can be deteriorated.
- This filter may not be effective for all bacteria or virus types.
- This is effective for the bacteria growing on inside the refrigerator and not on the food.

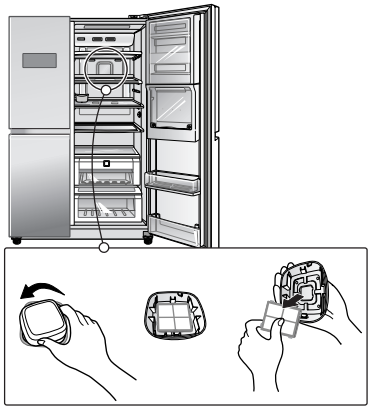
How to remove the old filter

- Replace Filter notification. ❷ `Replacement' is shown on the screen. ❶ Reset Button will activate.
- After replacing the filter, press and hold the `Reset' button for approximately 3 seconds to complete replacement of the filter. It is recommended to change the air filter approximately every six months.





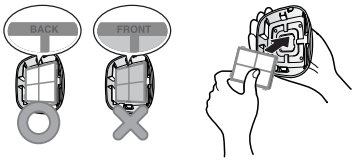
- Hold the filter cover and rotate counterclockwise to separate the filter cover. Disassemble the Fresh Air Filter inserted inside the filter cover.



How to install the new filter

Install the new filter.

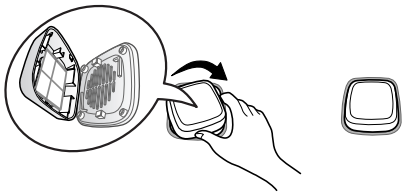
- Insert the new Fresh Air Filter in the filter cover so that the white part of the filter and the BACK label is visible.



⚠CAUTION

Be careful not to switch the direction of the Fresh Air Filter inserted on the filter cover.

- Align the filter cover where it was originally located and then turn clockwise about 30 degrees to install the filter cover.



Refrigerator Home Bar

Using the Family Home Bar

Press the mid left part of the Home Bar until you hear a click sound.

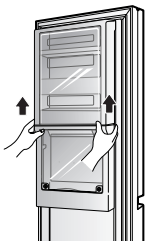
- You can store more food in the larger Home Bar.
- With the larger storage room, you can organize your foods better.



Disassembling the Family Home Bar Cover

Pull up, separate, and pull out the home bar cover.

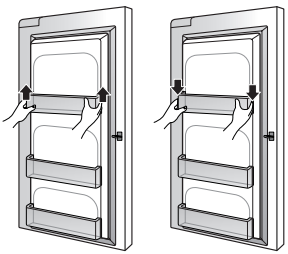
Take out the food to empty the refrigerator before the disassembly.



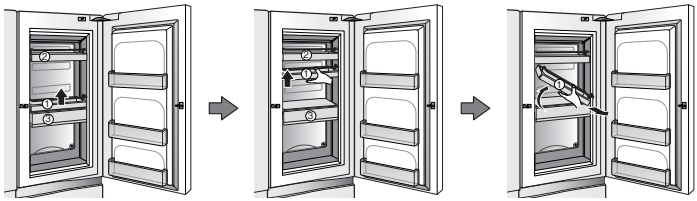
How to disassemble Family Home Bar Basket

Hold both ends of the basket and lift up the front part of the basket.

- Assemble in the same method as disassembly.

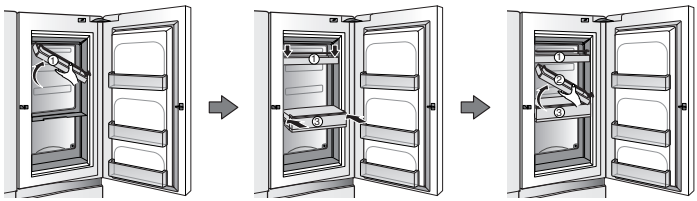


Disassembling the Family Home Bar Basket



1. Lift up basket ① lightly.
2. After tilting basket ① diagonally, take it out.
3. After taking out basket ①, take out basket ② in the same method.

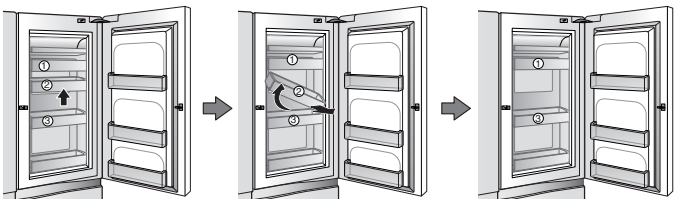
Assembling the Family Home Bar Basket



1. Tilt basket ① diagonally to insert in the top left corner and then push it up.
2. Hold basket ① with both hands to lay it down for assembly.
   After inserting case ② horizontally, align the next basket and insert it.
3. Tilt basket ② diagonally to insert it, and lay it down on top of basket ③.

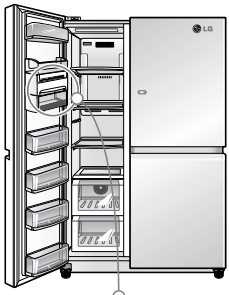
Using the Family Home Bar Basket

▶ **When storing tall items**



1. When storing long food, lightly lift up drawer ②.
2. After pulling out basket ③ horizontally, pull out the case as well.
3. Basket ② can be used after it is moved down.

Door Ice Maker



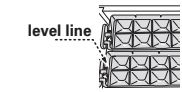
How to freeze ice

- Take out the ice tray, fill it with water, and carefully push it back in with caution not to spill.
- Slowly push it all the way to the back. There is a risk of damage.

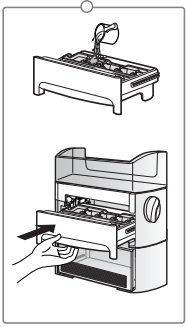


How to use ice tray

- Be careful for overflow, and insert water up to 'level line'.



(only for applied models)



⚠CAUTION

- Do not freeze drinks other than water (barley tea, juices), it may cause malfunction.
- Check if there is remaining ice in the ice making section before filling and freeze water.
- During the inserting of the ice tray after filling with water, take caution not to spill water.
- Fill the water up to the water level line. If too much water is filled, it may be hard to take out the ice or cause malfunction. After filling the water, do not close the freezer door to hard.

How to extract ice

- Turn the ice separation lever of the ice making section clockwise.
  - If the ice is not falling down smoothly, turn the lever all the way.
  - If the lever is turned before the water is completely frozen, ice water that is not completely frozen may fall down into the ice box and ice may stick together.
    (It takes about 3 hours for water to completely freeze based on 20˚C water temperature.)



⚠CAUTION

- If freezer door (door of the ice maker) is frequently opened, warm air enters the freezer, and the time for water to freeze may be delayed.
- There is a little difference for each season.
- Until 24 hours after the first installation, the temperature is not stabized, and it may take longer for water to freeze.

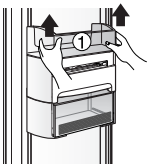
How to take out the ice

- Lift the ice box a little bit and take out.
- When inserting ice container back after using it, make sure to check if it is inserted all the way to the back.
- Extracting ice 3 times is suitable for the ice container volume.
  If ice is extracted more than 3 times, you may not be able to take out the container.

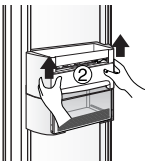


How to disassemble the door ice maker

1. Lift and take out the door basket at the top of the door ice maker by holding both end sides.



2. Hold both sides of the ice making section of the door ice maker and pull out upward.

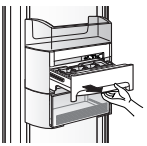


⚠CAUTION

- Disassemble in the order.If the ice making section is disassembled first, it may cause damage.
- When the ice making section is disassembled, hold tight and pull out so that the ice tray does not fall out.

How to disassemble door ice maker

1. Take out and clean the ice tray.



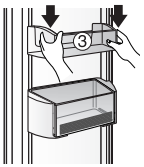
2. Put it back into the original position after the cleaning.

⚠CAUTION

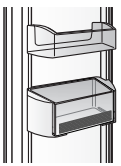
- Except the ice tray, do not clean with water, but wipe with wet towel and use it after drying it completely.
  It may cause malfunction.

When it is used as a freezer basket

1. In No. ① and ② of how to disassemble door ice maker, put the top door basket back in.



* When door ice maker is not used, the ice container may be used as basket by taking out the ice making section.



Shelf

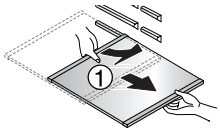
How to use

You can store side dish or refrigerated food on the shelf with sufficient space in between the containers.

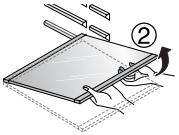


How to disassemble

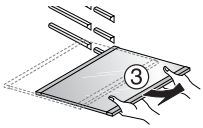
1. Hold the front part of the shelf and pull it out until it gets blocked by the hooking part.



2. When you cannot pull out the shelf any more, lift it up slightly.



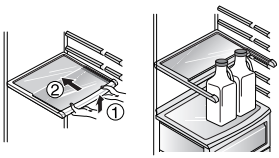
3. While holding the shelf slightly, tilt the shelf to pull it out.



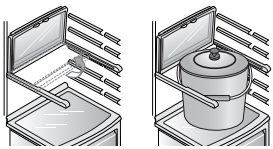
Folding Shelf

Adjust the shelf according to the height and size of the food. Maximize your room utilization.

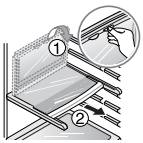
1. Slightly lift the front of the shelf.
   Press it backwards.



2. If you want to store even larger foods, pull the handle beneath the shelf upwards.

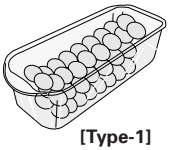


3. If you want to restore the shelf to its original form, pull the shelf handle. Pull it forward until you hear to click sound. The triangle mark on the shelf should match the triangle mark on the side rails.

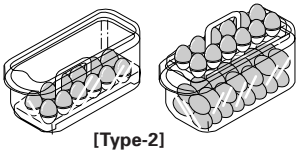


Egg box

You can move the egg box to wherever you want.



[Type-1]



[Type-2]

⚠CAUTION

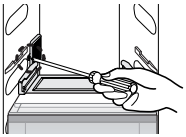
NOTE

- Never use the egg box as an ice storage bin. It can be broken.
- Never store the egg box in the freezer compartment or fresh compartment.

Deodorizer

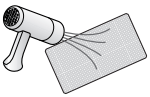
How to use

With the deodorizer system, you can deodorize the refrigerator and the deodorizer can be reused.



How to disassemble

Unscrew the deodorizer cover using (+) driver, and then separate it while pulling the deodorizer cover.



▶ **How to reuse the deodorizer**

You can reuse the deodorizer continuously by drying it well with the hair dryer.

Freezer/Fridge basket

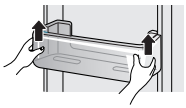
How to use

You can store small packaged frozen food (Freezer basket), small packaged refrigerated food or beverages (Fridge basket) such as milk, beer etc.

But, do not store ice cream or food to store for a long period of time (Freezer basket) etc.

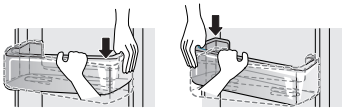
How to disassemble

Hold the basket with both hands and slightly lift up the front part to pull it out.



How to reassemble

Hold the basket with both hands and reassemble one side at a time by pushing it in.



Two stars section ** (Applicable to some models only)

Freezer basket (two stars section)

- Two stars section means the space stored at -12°C~-18°C
- Freezer foods for short-terms storage.

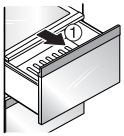
Fresh compartment

How to use

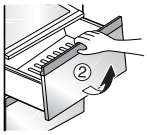
You can store fruits or vegetables.

How to disassemble the upper fresh compartment

1. Hold the front handle of the fresh compartment and pull it out until it gets blocked by the hooking part.



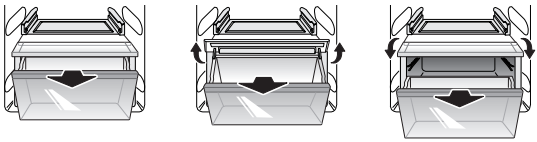
2. When you cannot pull out the fresh compartment any more, lift it up slightly to pull it out completely to the front side (outer side).



* The fresh compartment can be reassembled in the reverse order.

How to disassemble the lower fresh compartment

▶ When pulling out the lower fresh compartment



1. Hold the front handle of the fresh compartment and pull it forward.
2. When you cannot pull out the fresh compartment any more, lift it up slightly to pull it out to the front side.

▶ When inserting the lower fresh compartment



* When inserting the fresh compartment, always lift the cover up to push it in.

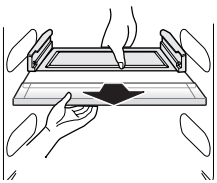
⚠WARNING

- Always disassemble the fresh compartment using two hands.
  You can be injured from the weight of the compartment when filled with food.
- When disassembling/reassembling the fresh compartment of the fridge, open the refrigerator door fully.

How to disassemble upper/lower fresh compartment cover

Hold the cover with both hands and pull it out.

* When disassembling the cover, always disassemble the fresh compartment first.



V Fresh compartment

How to use

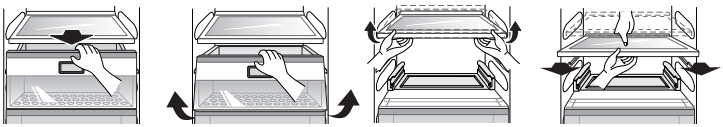
Keep Vegetables and Fruits Fresh Longer.

- Store vegetables and fruits in the bigger vegetable drawer with enhanced sealing capability. The new Magic Crisper feature can maintain the vegetable drawer in optimal humidity by absorbing moisture when humidity is high and releasing moisture when humidity is low.



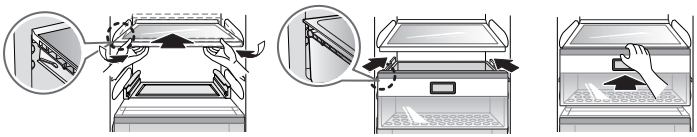
1. Push the sealed vegetable drawer completely until it fully reaches the end.
2. Press the button on the vegetable drawer twice or three times. (Air is released outside the vegetable drawer as many times as you press the button, which enhances the sealing capability.)
   * The Magic Crisper on the upper side inside the vegetable drawer helps to keep vegetables and fruits fresh, maintaining optimal humidity through the humidification process (moisture absorption and damp proof).

How to disassemble the V Fresh compartment



1. Pull the V Fresh compartment to the front and slightly lift it up to pull it out.
2. Hold the Case of V Fresh compartment with both hands and slightly lift it up.
   * To disassemble the case, you must first remove foods on the case.
3. Pull it out to the front.

How to reassemble the V Fresh compartment



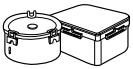
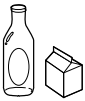
1. Align the top of the case to the side rails and push while slightly holding it up.
2. Align the bottom of the case on top of the rails and push while slightly holding it up.
3. Push the compartment fully inside.

⚠WARNING

- You can disassemble/reassemble the freezer drawer in the same method.
- Always disassemble the fresh compartment using two hands. (You can be injured from the weight of the compartment when filled with food.)
- When disassembling/reassembling the fresh compartment or V Fresh compartment of the fridge, open the refrigerator door fully.

Location of foods

(Refer to identification of parts)

Freezer compartment shelf	Store various frozen foods such as meat, fish, ice cream, frozen snacks, etc..	
Freezer compartment door rack	▪ Store small packed frozen food. ▪ Temperature is likely to increase as door opens. So, do not store long-term food such ice cream, etc..	
Freezer compartment drawer	▪ Store meat, fish, chicken, etc.. after wrapping them with thin foil. ▪ Store dry.	
Dairy corner	Store milk products such as butter, cheese, etc..	
Egg box	Place this egg box in the proper location.	
Refreshment center	Store foods of frequent use such as beverage, etc..	
Refrigerator compartment shelf	Store side dishes or other foods at a proper distance.	
Refrigerator compartment door rack	Store small packed food or beverages such as milk, juice, beer, etc..	
Vegetable drawer	Store vegetables or fruits.	

Storing foods

- 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, and melons.
- Allow hot food to cool prior to storing, placing hot food in the refrigerator could spoil other food, and lead to higher energy consumption.
- When storing the food, cover it with vinyl wrap or store in a container with a lid. This prevents moisture from evaporating, and helps food to keep its taste and nutrients.
- 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.
- Never keep too much food in door rack because they may push against by inner racks so that the door cannot be fully closed.

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 nutrient.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.
- Do not touch the cold foods or containers- especially made of metallic -, with wet hands and place glass products in the freezer compartment.

⚠CAUTION

- That's why you may have chilblains and they may be broken when their inner matters are frozen, causing personal injury.

Refrigerator compartment

- Do not put the wet food on the top shelf of the cooling room. It may be frozen by getting the cool air directly.
- Always clean food prior to refrigeration. Vegetables and fruits should be washed and wiped, and packed food should be wiped, to prevent adjacent food from spoiling.
- When storing eggs in their storage rack or box, ensure that they are fresh, and always store them in an upright position, which keeps them fresh longer.

NOTE

- If you keep the refrigerator in a hot and humid place, frequent openning of the door or storing a lot of vegetables in it may cause dew to form which has no effect on its performance. Remove the dew with dust cloth free from care.

General information

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.
When you plan not to operate, remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.

Power failure

Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures.
However, you should minimize the number of door openings while the power is off.

If you move

Remove or securely fasten down all loose items inside the refrigerator.
To avoid damaging the height adjusting screws, 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 refrigerator to prevent "sweating" on the outer cabinet wall.

⚠CAUTION

- You must check the O-RING, which is made by rubber and prevent electric spark.
- Don't touch lamp, in case of light on the long time. Because it can be very hot.

Cleaning

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

Exterior

Use a lukewarm solution of mild soap or detergent to clean the durable finish of your refrigerator.
Wipe with a clean damp cloth and then dry.

Interior

Regular cleaning is recommended. Wash all compartments a baking soda solution or a mild detergent and warm water. Rinse and dry.

After cleaning

Please verify that the power cord is not damaged, power plug is not overheated, or power plug is well inserted into the power consent.

⚠WARNING

Always remove power cord from the wall outlet prior to cleaning in the vicinity of electrical parts (lamps, switches, controls, etc.).
Wipe up excess moisture with a sponge or cloth to prevent water or liquid from getting into any electrical part and causing an electric shock.
Never use metallic scouring pads, brushes, coarse abrasive cleaners, strong alkaline solutions, industrial detergent (bleach containing detergent) flammable or toxic cleaning liquids on any surface.
Do not touch frozen surfaces with wet or damp hands, because damp object will stick or adhere to extremely cold surfaces.

Trouble shooting

Before calling for service, review this list. It may save you both time and expense.
This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Occurrence	Possible cause	Solution
Runing of refrigerator		
Refrigerator compressor does not run.	Refrigerator control is off.	Set refrigerator control. See setting the controls.
	Refrigerator is in defrost cycle.	This is normal for a fully automatic defrosting refrigerator. The defrost cycle occurs periodically.
	Plug at wall outlet is disconnected.	Make sure plug is tightly pushed into outlet.
	Power outage. Check house lights.	Call local electric company.
Refrigerator runs too much or too long	Refrigerator is larger than the previous one you owned.	This is normal. Larger, more efficient units run longer in these conditions.
	Room or outside weather is hot.	It is normal for the refrigerator to work longer under these conditions.
	Refrigerator has recently been disconnected for a period of time.	It takes some hours for the refrigerator to cool down completely.
	Large amounts of warm or hot food may have been stored recently.	Warm food will cause the refrigerator to run longer until the desired temperature is reached.
	Doors are opened too frequently or too long.	Warm air entering the refrigerator causes it to run longer. Open the door less often.
	Refrigerator or freezer door may be slightly open.	Make sure the refrigerator is level. Keep food and containers from blocking door. See problem section. OPENING/CLOSING of doors.
	Refrigerator control is set too cold.	Set the refrigerator control to a warmer setting until the refrigerator temperature is satisfactory.
	Refrigerator or freezer gasket is dirty, worn, cracked, or poorly fitted.	Clean or change gasket. Leaks in the door seal will cause refrigerator to run longer in order to maintain desired temperatures.
	Thermostat is keeping the refrigerator at a constant temperature.	This is normal. Refrigerator goes on and off to keep the temperature constant.

Occurrence	Possible cause	Solution
Refrigerator compressor does not run.	Thermostat is keeping the refrigerator at a constant temperature.	This is normal. The refrigerator goes on and off to keep the temperature constant.
Temperatures are too cold		
Temperature in the freezer is too cold but the refrigerator temperature is satisfactory.	Freezer control is set too cold	Set the freezer control to a warmer setting until the freezer temperature is satisfactory.
Temperature in the refrigerator is too cold and the freezer temperature is satisfactory.	Refrigerator control is set too cold.	Set the refrigerator control to a warmer setting
Food stored in drawers freezes.	Refrigerator control is set too cold.	See above solution.
Meat stored in fresh meat drawer freezes.	Meat should be stored at a temperature just below the freezing point of water (32˚F, 0˚C) for maximum fresh storage time.	It is normal for ice crystals to form due to the moisture content of meat.
Temperatures are too warm		
Temperatures in the refrigerator or freezer are too warm.	Freezer control is set too warm.	Set the freezer or refrigerator control to a colder setting until the freezer or refrigerator temperature is satisfactory.
	Refrigerator control is set too warm. Refrigerator control has some effect on freezer temperature.	Set the freezer or refrigerator control to a colder setting until the freezer or refrigerator temperature is satisfactory.
	Doors are opened too frequently or too long.	Warm air enters the refrigerator/ freezer whenever the door is opened. Open the door less often.
	Door is slightly open.	Close the door completely.
	Large amounts of warm or hot food may have been stored recently.	Wait until the refrigerator or freezer has a chance to reach its selected temperature.
	Refrigerator has recently been disconnected for a period of time.	A refrigerator requires some hours to cool down completely.
Temperature in the refrigerator is too warm but the freezer temperature is satisfactory.	Refrigerator control is set too warm.	Set the refrigerator control to a colder setting.

Occurrence	Possible cause	Solution
Sound and noise		
Louder sound levels when refrigerator is on.	Today's refrigerators have increased storage capacity and maintain more even temperatures.	It is normal for sound levels to be higher.
Louder sound levels when compressor comes on.	Refrigerator operates at higher pressures during the start of the ON cycle.	This is normal. The sound will level off as the refrigerator continues to run.
Vibrating or rattling noise.	Floor is uneven or weak. Refrigerator rocks on the floor when it is moved slightly.	Be sure floor is level and solid and can adequately support refrigerator.
	Items placed on the top of the refrigerator are vibrating.	Remove items.
	Dishes are vibrating on the shelves in the refrigerator.	It is normal for dishes to vibrate slightly. Move dishes slightly. Make sure refrigerator is level and firmly set on floor.
	Refrigerator is touching wall or cabinets.	Move refrigerator so that it does not touch the wall or refrigerator.
Water/ Moisture/Ice inside refrigerator		
Moisture collects on the inside walls of the refrigerator.	The weather is hot and humid which increases the rate of frost buildup and internal sweating.	This is normal.
	Door is slightly open.	See problem section opening/closing of doors.
	Door is opened too often or too long.	Open the door less often.
Moisture forms on the outside of the refrigerator or between doors.	Weather is humid.	This is normal in humid weather. When humidity is lower, the moisture should disappear.
	Door is slightly open,causing cold air from the inside the refrigerator to meet warm air from the outside.	This time, close the door completely.

Occurrence	Possible cause	Solution
Odors in refrigerator		
	Interior needs to be cleaned.	Clean interior with sponge,warm water and baking soda.
	Food with strong odor is in the refrigerator.	Cover food completely.
	Some containers and wrapping materials produce odors.	Use a different container or brand of wrapping materials.
Opening/ Closing of doors/Drawers		
Door(s) will not close.	Food package is keeping door open.	Move packages that keep door from closing.
Door(s) will not close.	Door was closed too hard, causing other door to open slightly.	Close both doors gently.
	Refrigerator is not level. It rocks on the floor when it is moved slightly.	Adjust the height adjusting screw.
	Floor is uneven or weak. Refrigerator rocks on the floor when it is moved slightly.	Be sure floor is level and can adequately support refrigerator. Contact carpenter to correct sagging or sloping floor.
	Refrigerator is touching wall or cabinets.	Move refrigerator..
Drawers are difficult to move.	Food is touching shelf on top of the drawer	Keep less food in drawer.
	Track that drawer slides on is dirty.	Clean drawer and track.

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.

It is Normal...

The following occurrences are normal.

	Occurrence	Solution
Noise	When you hear "Tak" or "Took" sound	This is the sound of various parts expanding/contracting or various control devices operating depending on the temperature change within the refrigerator.
	When you hear “Deureureuk~”, “Dulkuk” or “Woong” sound	This is the count of compressor or fan operating when the operation of the refrigerator is starting or ending. This is the same phenomenon of the sound generated when starting or turning off the engine of a car.
	When you hear "Kureureuk" sound of water flowing	This is the sound of refrigerant changing the condition in the freezer/fridge. When the liquid changes to gas, you will hear the sound of water flowing and when gas changes to liquid, you will hear the “Kureureuk” sound.
	When you hear the sound of wind such as “Shoo~” or “Shik” right after you close the door	This is the sound generated when the internal pressure is temporarily lowered when the warm air entered through the fridge or freezer is cooled fast.
	When you hear the vibrating sound	If the refrigerator is installed on wooden floor or wooden wall, or if the refrigerator is not leveled properly, the sound can be loud from the vibration.
	When you hear a loud sound after installing the product for the first time	When you operate the refrigerator for the first time, the refrigerator will operate at high speed to cool fast and the sound can seem louder. When the internal temperature falls below a certain level, the noise will subside.
Door open	When the door is slightly opened after closing the door.	Depending on the fore or speed of closing the fridge or freezer door, the door can open slightly and then get closed. Be careful not to close the door to hard.
	When closing refrigerator door, freezer door open and close.	It is linked between the refrigerator and freezer in order to make cold air circulation. So, When close the refrigerator door, air in the refrigerator go into freezer. It makes freezer door open. Please relax as is not breakdown.
Icing/ Dew drops	When there is icing or dew drops formed on the inner or outer side of the refrigerator	When external air flows into the cool inner surface of the refrigerator, icing/dew drops can be formed. Especially, this will happen more easily when you open and close the refrigerator door more frequently. Also if the humidity of the installed location is high or during the rainy season or on a rainy day, dew drops can form on the outer side of the refrigerator. This is a natural phenomenon that occurs during the humid weather. Wipe the water drops with a dry cloth.
Temperature	When the front side of the refrigerator is warm	Heat pipes are installed around the front part of the refrigerator and on the divider of the freezer and fridge to prevent the dew drops from forming. The refrigerator may feel warmer after the installation or during the hot summer, but this is not a problem and you can be rest assured.

Specifications

Standard information

Display Specifications	
OS	Android
Processor	Telechips (Cortex)
ROM	4GB
RAM	512MB
LCD	10.1" TFT-LCD (1024×600)
Network	802.11b/g/n

Items	Contents
Support	IEEE802, 11b/g/n, WiFi compliant
Frequency Range	2400 ~ 2483.5MHz
Modulation	DSSS, CCK, OFDM
Channel	1~13ch
Data Rata	802.11b = 1, 2, 5.5, 11 Mbps 802.11g = 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n = 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps
Target Max Output Power	802.11b = 17dbm 802.11g = 14dbm 802.11n = 13dbm
Antenna	On Board SMD Antenna, 50 ohm

FCC information

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING : This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose me authority to operate this equipment if an unauthorized change or modification is made.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the users authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential Installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver Is connected.
– Consult the dealer or an experienced radio/TV technician for help.



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