

HOW TO USE

Before use



Clean the refrigerator.

Clean your refrigerator thoroughly and wipe off all dust that accumulated during shipping.



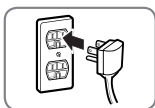
CAUTION

- Do not scratch the refrigerator with a sharp object or use a detergent that contains alcohol, a flammable liquid or an abrasive when removing any tape or adhesive from the refrigerator.
- Do not peel off the model or serial number label or the technical information on the rear surface of the refrigerator.



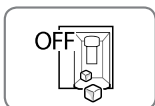
NOTE

Remove adhesive residue by wiping it off with your thumb or dish detergent.



Connect the power supply.

Check if the power supply is connected before use.
Read the "Turning On The Power" section.



Turn off the icemaker if the refrigerator is not yet connected to the water supply.

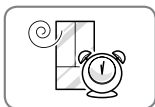
Turn off the automatic icemaker and then plug the power plug of the refrigerator into the grounded electric outlet.

* This is applicable only to certain models.



CAUTION

Running the automatic icemaker before connecting it to the water supply may cause the refrigerator to malfunction.



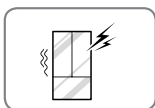
Wait for the refrigerator to cool.

Allow your refrigerator to run for at least two to three hours before putting food in it. Check the flow of cold air in the freezer compartment to ensure proper cooling.



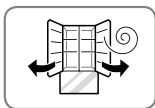
CAUTION

Putting food in the refrigerator before it has cooled could cause the food to spoil, or a bad odor could remain inside the refrigerator.



The refrigerator makes a loud noise after initial operation.

This is normal. The loudness will decrease as the temperature lowers.



Open refrigerator doors and freezer drawers to ventilate the interior.

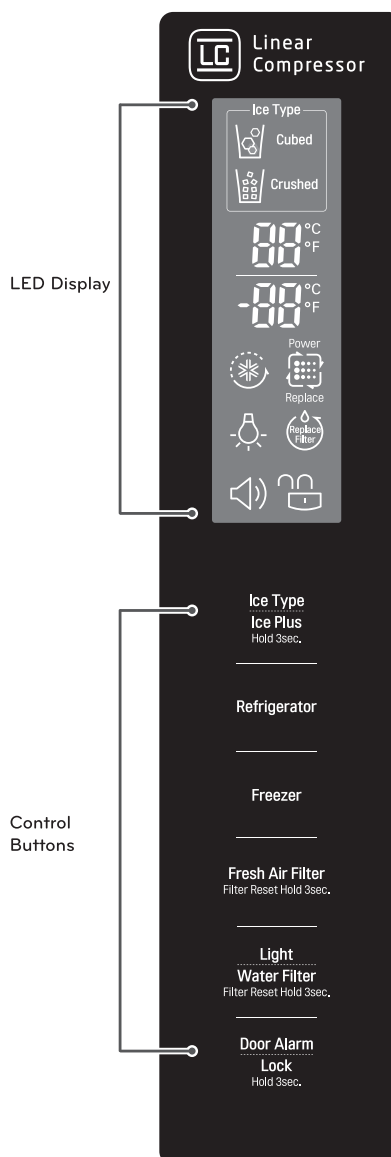
The inside of the refrigerator may smell like plastic at first. Remove any adhesive tape from inside the refrigerator and open the refrigerator doors and the freezer drawers for ventilation.

Control Panel

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

Control Panel Features

The LED Display shows the temperature settings, dispenser options, water filter, door alarm, and locking status messages.



Ice Type



Press the ICE TYPE button to select either Crushed or Cubed Ice. The selected option will illuminate on the LED display.

Freezer 0 °F

Press the FREEZER button to adjust the temperature in the freezer compartment.



NOTE

To change the display from Fahrenheit to Celsius, press and hold the FREEZER and REFRIGERATOR button for five seconds.

Refrigerator 37 °F

Press the REFRIGERATOR button to adjust the temperature in the refrigerator compartment.

Ice Plus

This function increases both ice making and freezing capabilities.

- When you touch the Ice Plus button, the graphic will illuminate in the display and will continue for 24 hours. The function will automatically shut off after 24 hours.
- You can stop this function manually by touching the button one more time.

Control Panel Features (continued)

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.

Auto mode is the default mode.

- The Press the Air Filter button once for Power(PWR) mode.
- Press the Air Filter button again to switch back to Auto mode.

Light

Press the LIGHT button, to turn on the dispenser light. The indicator will appear on the LED display.

Change Filter



When the water filter indicator turns on, you have to change the water filter. After changing the water filter, press and hold the FILTER button for three seconds to turn the indicator light off. You need to change the water filter approximately every six months.

Alarm

- When power is connected to the refrigerator, the door alarm is initially set to ON. When you press the ALARM button, the display will change to OFF and the Alarm function will deactivate.
- When either the refrigerator or the freezer door is left open for more than 60 seconds, the alarm tone will sound to let you know that the door is open.
- When you close the door, the door alarm will stop.

Control Lock



The Control Lock function disables every other button on the display.

- When power is initially connected to the refrigerator, the Lock function is off.
- If you want to activate the Lock function to lock other buttons, press and hold the Lock button for three seconds or more. The Lock icon will display and the Lock function is now enabled.
- To disable the Lock function, press and hold the Lock button for approximately three seconds.

CAUTION

Display Mode (For Store Use Only)

The Display Mode disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store. When activated, OFF will display on the control panel.

To deactivate:

With either refrigerator door opened, press and hold the Refrigerator and Ice Plus buttons at the same time for five seconds. The control panel will beep and the temperature settings will display to confirm that Display Mode is deactivated. Use the same procedure to activate the Display Mode.

In-Door Ice Bin

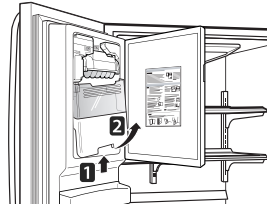
* Depending on the model, some of the following functions may not be available.



CAUTION

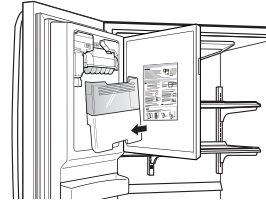
- Keep hands and tools out of the ice compartment door and dispenser chute. Failure to do so may result in damage or personal injury.
- The icemaker will stop producing ice when the in-door ice bin is full. If you need more ice, empty the ice bin into the extra ice bin in the freezer compartment. During use, the ice can become uneven causing the icemaker to misread the amount of ice cubes and stop producing ice. Shaking the ice bin to level the ice within it can reduce this problem.
- Storing cans or other items in the ice bin will damage the icemaker.
- Keep the ice compartment door closed tightly. If the ice compartment door is not closed tightly, the cold air in the ice bin will freeze food in the refrigerator compartment. This could also cause the icemaker to stop producing ice.
- If the ON/OFF switch on the icemaker is set to OFF for an extended period of time, the ice compartment will gradually warm up to the temperature of the refrigerator compartment. To prevent ice cubes from melting and leaking from the dispenser, ALWAYS empty the ice bin when the icemaker is set to OFF for more than a few hours.

- 2 To remove the in-door ice bin, grip the front handle, slightly lift the lower part, and slowly pull out the bin as shown.

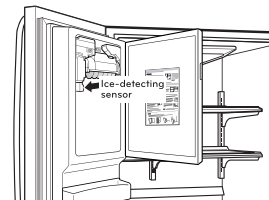


Assembling the In-Door Ice Bin

- 1 Carefully insert the in-door ice bin while slightly slanting it to avoid contact with the icemaker.

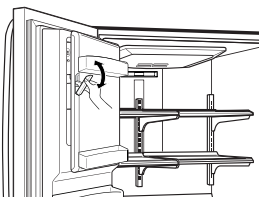


- 2 Avoid touching the ice-detecting sensor when replacing the ice bin. See the label on the ice compartment door for details.



Detaching the In-Door Ice Bin

- 1 Gently pull the handle to open the ice compartment.



CAUTION

When handling the ice bin, keep hands away from the icemaker tray area to avoid personal injury.

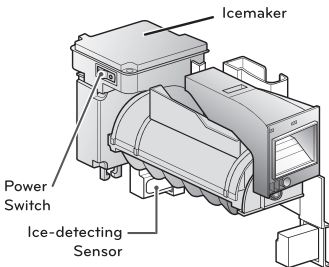


Automatic Icemaker

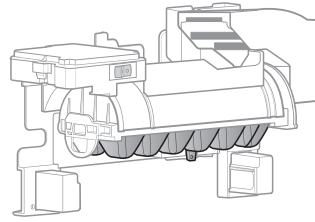
* Depending on the model, some of the following functions may not be available.

Ice is made in the automatic icemaker and sent to the dispenser. The icemaker will produce 70~210 cubes in a 24-hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.

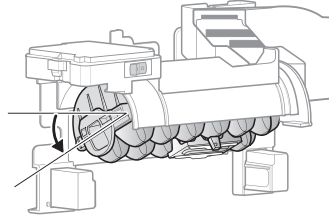
- It takes about 12 to 24 hours for a newly installed refrigerator to begin making ice. Wait 72 hours for full ice production to occur.
- Ice making stops when the in-door ice bin is full. When full, the in-door ice bin holds approximately 6 to 8 (12~16 oz or 340~455 cc) glasses of ice.
- The water pressure must be between 20 and 120 psi (140 and 830 kPa) on models without a water filter and between 40 and 120 psi (280 and 830 kPa) on models with a water filter to produce the normal amount and size of ice cubes.
- Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure the sensor area is clean at all times for proper operation.



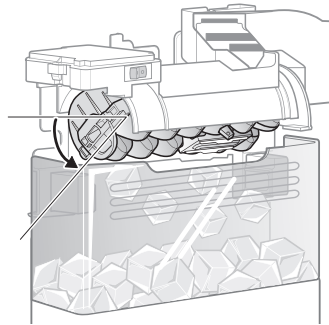
Water fills the ice tray.



1 hour later from supplying water



- 60 minutes after water has been added to the ice tray, the ice tray will sit slightly tilted to help the cold air reach the ice.



- The ice-detecting sensors will sense when the ice is ready to be dumped into the ice bin.

Turning the Automatic Icemaker On or Off

To turn off the automatic icemaker, set the icemaker switch to OFF (O). To turn on the automatic icemaker, set the switch to ON (I).

Automatic Icemaker (continued)



CAUTION

- The first ice and water dispensed may include particles or odor from the water supply line or the water tank.
- Throw away the first few batches of ice (about 24 cubes). This is also necessary if the refrigerator has not been used for a long time.
- Never store beverage cans or other items in the ice bin for the purpose of rapid cooling. Doing so may damage the icemaker or the containers may burst.
- If discolored ice is dispensed, check the water filter and water supply. If the problem continues, contact a Sears or other qualified service center. Do not use the ice or water until the problem is corrected.
- Keep children away from the dispenser. Children may play with or damage the controls.
- The ice passage may become blocked with frost if only crushed ice is used. Remove the frost that accumulates by removing the ice bin and clearing the passage with a rubber spatula. Dispensing cubed ice can also help prevent frost buildup.
- Never use thin crystal glass or crockery to collect ice. Such containers may chip or break resulting in glass fragments in the ice.
- Dispense ice into a glass before filling it with water or other beverages. Splashing may occur if ice is dispensed into a glass that already contains liquid.
- Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage and refrigerator performance may be affected.
- Keep the glass at a proper distance from the ice outlet. A glass held too close to the outlet may prevent ice from dispensing.
- To avoid personal injury, keep hands out of the ice door and passage.
- Never remove the dispenser cover.
- If ice or water dispenses unexpectedly, turn off the water supply and contact a qualified service center.

When You Should Turn the Icemaker Off

- When the water supply will be shut off for several hours.
- When the ice bin is removed for more than one or two minutes.
- When the refrigerator will not be used for several days.



NOTE

The ice bin should be emptied when the icemaker on/off switch is turned to the **OFF** position.

Normal Sounds You May Hear

- The icemaker water valve will buzz as the icemaker fills with water. If the power switch is in the ON (I) position, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, move the power switch to OFF (O).



NOTE

Keeping the power switch in the ON (I) position before the water line is connected can damage the icemaker.

- You will hear the sound of cubes dropping into the bin and water running in the pipes as the icemaker refills.

Preparing for Vacation

Set the icemaker power switch to OFF (O) and shut off the water supply to the refrigerator.



NOTE

The ice bin should be emptied anytime the icemaker on/off switch is turned to the OFF (O) position.

If the ambient temperature will drop below freezing, have a qualified technician drain the water supply system to prevent serious property damage due to flooding caused by ruptured water lines or connections.

Ice and Water Dispenser

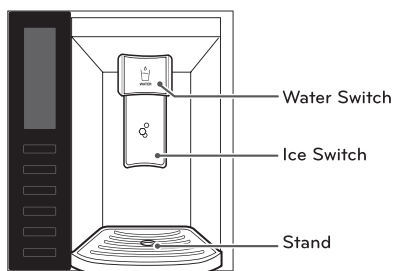
* Depending on the model, some of the following functions may not be available.



CAUTION

Keep children away from the dispenser. Children may play with or damage the controls.

Dispenser



Using the Dispenser

- To dispense **cold water**, push on the water switch with a glass.
- To dispense **ice**, push on the ice switch with a glass.



NOTE

- If discolored ice is dispensed, check the water filter and water supply. If the problem continues, contact a qualified service center. Do not use the ice or water until the problem is corrected.
- The dispenser will not operate when either of the refrigerator doors are open.
- If dispensing water or ice into a container with a small opening, place it as close to the dispenser as possible.
- Some dripping may occur after dispensing. Hold your cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.

	Incorrect Way	Correct Way
Water		
Ice		



CAUTION

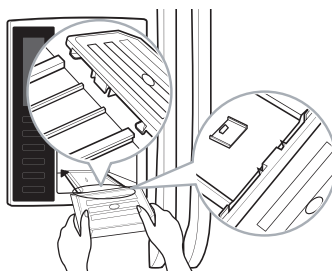
Throw away the first few batches of ice (about 24 cubes). This is also necessary if the refrigerator has not been used for a long time.

Locking the Dispenser

Press and hold the Alarm and Lock button simultaneously for 3 seconds to lock the dispenser and all the control panel functions. Follow the same instructions to unlock.

Cleaning the Dispenser Stand

- Grip the stand with both hands and pull it out.



- Wipe out dirty areas with a clean cloth.

Storing Food

Food Preservation Location

Each compartment inside the refrigerator is designed to store different types of food. Store your food in the optimal space to enjoy the freshest taste.



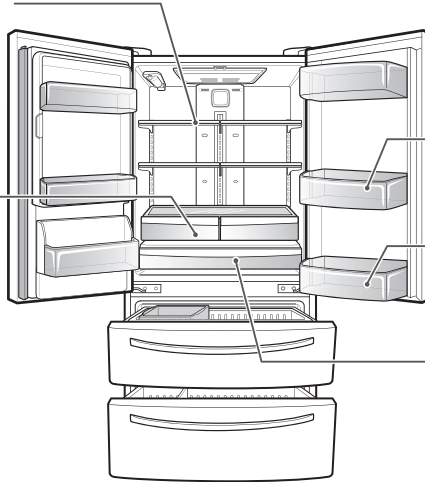
Adjustable refrigerator shelf

Adjustable shelves to meet your individual storage needs.



Vegetable storage (Crisper)

Preserves vegetables and fruit.



Gallon Storage Bin

Store drinks such as juice and soda, as well as seasonings, salad dressings and other food items.



Glide 'N' Serve

Provides storage space that keeps the compartment at a different temperature than the refrigerator. It is a convenient place to store sandwiches or meat to be cooked.



CAUTION

- Do not store food with high moisture content towards the top of the refrigerator. The moisture could come in direct contact with the cold air and freeze.
- Wash food before storing it in the refrigerator. Vegetables and fruit should be washed, and food packaging should be wiped down to prevent adjacent foods from being contaminated.
- If the refrigerator is kept in a hot and humid place, frequent opening of the door or storing a lot of vegetables in the refrigerator may cause condensation to form. Wipe off the condensation with a clean cloth or a paper towel.
- If the refrigerator door or freezer drawer is opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. It can also increase the cost of electricity.



NOTE

- If you are leaving home for a short period of time, like a short vacation, the refrigerator should be left on. Refrigerated foods that are able to be frozen will stay preserved longer if stored in the freezer.
- If you are leaving the refrigerator turned off for an extended period of time, remove all food and unplug the power cord. Clean the interior, and leave the door open to prevent fungi from growing in the refrigerator.


Food Storage Tips

* The following tips may not be applicable depending on the model.

Wrap or store food in the refrigerator in airtight and moisture-proof material unless otherwise noted. This prevents food odor and taste transfer throughout the refrigerator. For dated products, check date code to ensure freshness.

Food	How to
Butter or Margarine	Keep opened butter in a covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
Cheese	Store in the original wrapping until you are ready to use it. Once opened, rewrap tightly in plastic wrap or aluminum foil.
Milk	Wipe milk cartons. For best storage, place milk on interior shelf, not on door shelf.
Eggs	Store in original carton on interior shelf, not on door shelf.
Fruit	Do not wash or hull the fruit until it is ready to be used. Sort and keep fruit in its original container, in a crisper, or store in a completely closed paper bag on a refrigerator shelf.
Leafy Vegetables	Remove store wrapping and trim or tear off bruised and discolored areas. Wash in cold water and drain. Place in plastic bag or plastic container and store in crisper.
Vegetables with skins (carrots, peppers)	Place in plastic bags or plastic container and store in crisper.
Fish	Store fresh fish and shellfish in the freezer section if they are not being consumed the same day of purchase. It is recommended to consume fresh fish and shellfish the same day purchased.
Leftovers	Cover leftovers with plastic wrap, aluminum foil, or plastic containers with tight lids.

Storing Frozen Food


 **NOTE**

Check a freezer guide or a reliable cookbook for further information about preparing food for freezing or food storage times.

Freezing

Your freezer will not quick-freeze a large quantity of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours (no more than 2 to 3 lbs. of food per cubic foot of freezer space). Leave enough space in the freezer for air to circulate around packages. Be careful to leave enough room at the front so the door can close tightly.

Storage times will vary according to the quality and type of food, the type of packaging or wrap used (how airtight and moisture-proof) and the storage temperature. Ice crystals inside a sealed package are normal. This simply means that moisture in the food and air inside the package have condensed, creating ice crystals.

 **NOTE**

Allow hot foods to cool at room temperature for 30 minutes, then package and freeze. Cooling hot foods before freezing saves energy.

Storing Frozen Food (continued)

Packaging

Successful freezing depends on correct packaging. When you close and seal the package, it must not allow air or moisture in or out. If it does, you could have food odor and taste transfer throughout the refrigerator and could also dry out frozen food.

Packaging recommendations:

- Rigid plastic containers with tight-fitting lids
- Straight-sided canning/freezing jars
- Heavy-duty aluminum foil
- Plastic-coated paper
- Non-permeable plastic wraps
- Specified freezer-grade self-sealing plastic bags

Follow package or container instructions for proper freezing methods.

Do not use

- Bread wrappers
- Non-polyethylene plastic containers
- Containers without tight lids
- Wax paper or wax-coated freezer wrap
- Thin, semi-permeable wrap

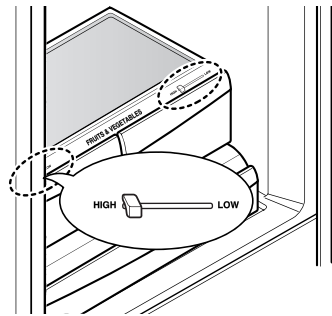
Humidity Controlled Crisper

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

The crispers provide fresher tasting fruit and vegetables by letting you easily control humidity inside the drawer.

You can control the amount of humidity in the moisture-sealed crispers by adjusting the control to any setting between **HIGH** and **LOW**.

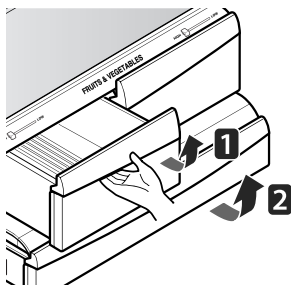
- **HIGH** keeps moist air in the crisper for best storage of fresh, leafy vegetables.
- **LOW** lets moist air out of the crisper for best storage of fruit.



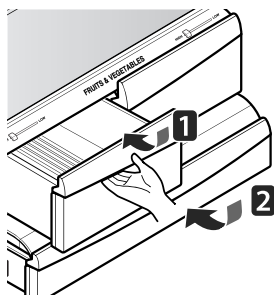
Detaching and Assembling the Storage Bins

Glide'N'Serve and Humidity Controlled Crisper

To remove the Humidity Controlled Crisper and the Glide'N'Server, pull out the Crisper **1** and Glide'N'Server **2** to full extension, lift the front up, and pull straight out.



To install, slightly tilt up the front, insert the drawer into the frame and push it back into place.



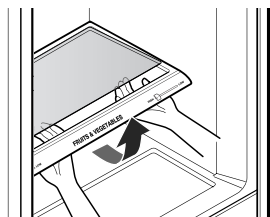
NOTE

Storage Bins may vary in appearance, depending on your model.

To Remove the Glass

(Pantry drawer not shown for clarity)

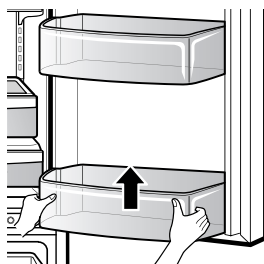
Lift up the glass under the crisper cover, and pull up and out.



Door Bins

The door bins are removable for easy cleaning and adjustment.

- 1 To remove the bin, simply lift the bin up and pull straight out.
- 2 To replace the bin, slide it in above the desired support and push down until it snaps into place.



NOTE

Some bins may vary in appearance and will only fit in one location.



CAUTION

- Do not apply excessive force while detaching or assembling the storage bins.
- Do not use the dishwasher to clean the storage bins and shelves.
- Regularly detach and wash the storage bins and shelves; they can become easily contaminated by the food.

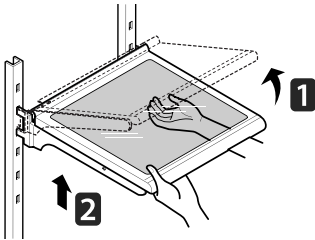
Adjusting the Refrigerator Shelves

The shelves in your refrigerator are adjustable to meet your individual storage needs. Your model may have glass or wire shelves.

Adjusting the shelves to fit different heights of items will make finding the exact item you want easier. Doing so will also reduce the amount of time the refrigerator door is open which will save energy.

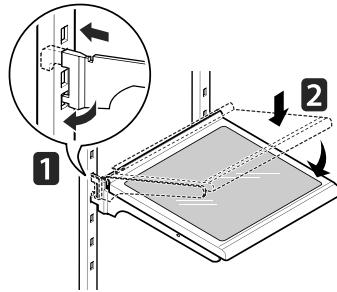
Detaching the Shelf

Tilt up the front of the shelf and lift it straight up. Pull the shelf out.



Assembling the Shelf

Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height. Then, lower the front of the shelf so that the hooks drop into the slots.



CAUTION

Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilling food.

MAINTENANCE

Cleaning

- Both the refrigerator and freezer sections defrost automatically; however, clean both sections about once a month to prevent odors.
- Wipe up spills immediately.
- Always unplug the refrigeration before cleaning.

General Cleaning Tips

- Unplug refrigerator or disconnect power.
- Remove all removable parts, such as shelves, crispers, etc.
- Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.

Exterior

Waxing external painted metal surfaces helps provide rust protection. Do not wax plastic parts. Wax painted metal surfaces at least twice a year using appliance wax (or auto paste wax). Apply wax with a clean, soft cloth.

For products with a stainless steel exterior, use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners. Dry thoroughly with a soft cloth.

Do not use appliance wax, bleach, or other products containing chlorine on stainless steel.



CAUTION

- Do not use a rough cloth or sponge when cleaning the interior and exterior of the refrigerator.
- Do not place your hand on the bottom surface of the refrigerator when opening and closing.



WARNING

Use non-flammable cleaner. Failure to do so can result in fire, explosion, or death.

Inside Walls (allow freezer to warm up so the cloth will not stick)

To help remove odors, you can wash the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons of baking soda to 1 quart of water (26 g soda to 1 liter water.) Be sure the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

Door Liners and Gaskets

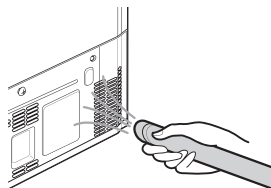
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

Plastic Parts (covers and panels)

Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use window sprays, abrasive cleansers, or flammable fluids. These can scratch or damage the material.

Condenser Coils

Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.



Light bulb replacement



WARNING

Electrical Shock Hazard

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



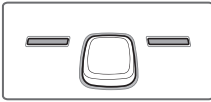
NOTE

The refrigerator compartment has LED interior lighting and service should only be performed by a qualified technician.

Replacing the Fresh Air Filter

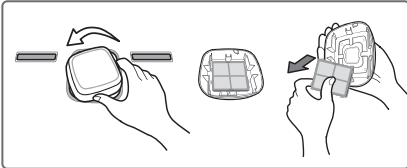
It is recommended that you replace the air filter:

- Approximately every six months.
- When the CHANGE FILTER light turns on.



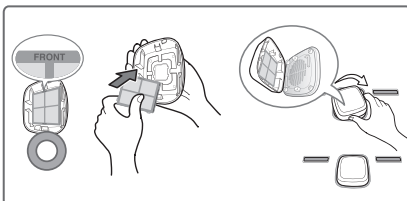
1 Remove the Old Filter

Turn the filter cover to the left to detach from the refrigerator wall. The filter is located on the inside of the filter cover. Remove the filter from the cover and replace it with a new filter.



2 Install a New Air Filter.

Place the new filter inside of the cover with the side that says "Front" facing outward. Turn the filter cover to the right to attach to the refrigerator wall.



After changing the filter, push and hold the Air Filter button for three seconds to reset the filter sensor.

General Information

Power interruptions

- 1 If the power will be out for 24 hours or less, keep all refrigerator doors closed to help foods stay cold and frozen.
- 2 If the power will be out for more than 24 hours, remove all food and store it in a different refrigerator or frozen food locker.

When you go on vacation

If you choose to leave the refrigerator on while you are away, follow these steps to prepare your refrigerator before you leave.

- 1 Use up any perishables and freeze other items.
- 2 Turn off the icemaker and empty the ice bin.

If you choose to turn the refrigerator off before you leave, follow these steps.

- 1 Remove all food from the refrigerator.
- 2 Clean the refrigerator, wipe it and dry well.
- 3 Tape rubber or wood blocks to the tops of both doors to prop them open far enough for air to get in. This stops odor and mold from building up.

When you move

When you are moving your refrigerator to a new home, follow these steps to prepare it for the move.

- 1 Remove all food from the refrigerator and pack all frozen food in dry ice.
- 2 Unplug the refrigerator.
- 3 Clean, wipe and dry thoroughly.
- 4 Take out all removable parts, wrap them well and tape them together so they do not shift and rattle during the move. Refer to the Using your Refrigerator section for removable instructions.
- 5 Depending on the model, raise the front of the refrigerator so it rolls easier OR screw in the leveling legs all the way so they do not scrape the floor. See the Door Closing section.
- 6 Tape the doors shut and tape the power cord to the refrigerator cabinet.

When you get to your new home, put everything back and refer to the Refrigerator Installation section for preparation instructions.

Replacing the Water Filter

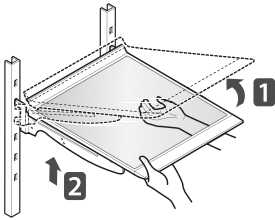
It is recommended that you replace the water filter:

- Approximately every six months.
- When the water filter indicator turns on.
- When the water dispenser output decreases.
- When the ice cubes are smaller than normal.

Before Replacing the Water Filter:

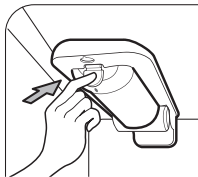
If the top shelf, located below the water filter, is in the highest position, it will need to be removed prior to replacing the water filter.

To remove any shelf—Tilt up the front of the shelf in the direction of **1** and lift it in the direction of **2**. Pull the shelf out.

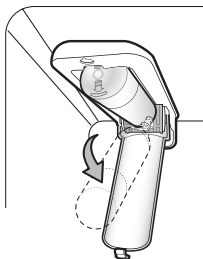


1 Remove the old water filter.

- Lower or remove the top left shelf to allow the water filter to rotate all the way down.
- Press the push button to open the water filter cover.

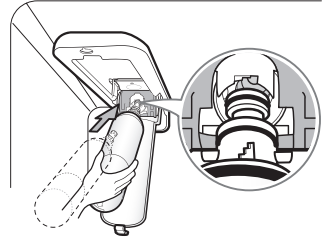


NOTE: Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain. Place a cup under the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

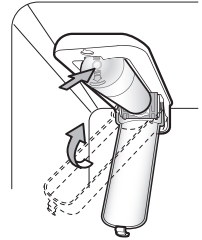


- Pull the water filter downward and pull out. Make sure to rotate the filter down completely before pulling it out of the manifold hole.
- 2 Replace with a new water filter.
- Take the new water filter out of its packing and remove the protective cover from

horizontal position, push the new water filter into the manifold hole until it stops.



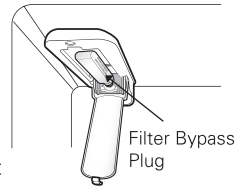
- Rotate the water filter up into position and close the cover. The cover will click when closed correctly.



- 3 After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

4 Water Filter Bypass Plug

Keep the water filter bypass plug. You **MUST** use the water filter bypass plug when a replacement water filter cartridge is not available.



CAUTION

DO NOT operate refrigerator without water filter or water filter plug installed.



NOTE

- To purchase a replacement water filter:
 - Visit your local dealer or distributor
 - Web: Find Parts & Accessories from Support section of lg.com
 - Call : 1-800-243-0000 (USA)
1-888-542-2623 (Canada)
- Part number of the replacement water filter: ADQ36006101

Performance Data Sheet

Model: LG ADQ36006101-S Use Replacement Cartridge: ADQ36006101

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L ± 10%	97.2%	0.06 mg/L	N/A	≥ 50%	J-00049247
Nominal Particulate Class I, , ≥0.5 to < 1.0 µm	5,600,000 pts/ mL	At least 10,000 particles/mL	98.7%	73,000 pts/ml	N/A	≥ 85%	J-00049282
Asbestos	190 MFL	107 to 108 MFL; fibers greater than 10 µm in length	>99%	< 1MLF	N/A	≥ 99%	J-0004928
Atrazine	0.0094 mg/L	0.009 mg/L ± 10%	94.7%	0.00005 mg/L	0.003 mg/L	N/A	J-00049293
Benzene	0.016 mg/L	0.015 mg/L ± 10%	96.7%	0.005 mg/L	0.005 mg/L	N/A	J-00049300
Carbofuran	0.08 mg/L	0.08 mg/L ± 10%	98.1%	0.002 mg/L	0.04 mg/L	N/A	J-00049294
Lindane	0.002 mg/L	0.002 mg/L ± 10%	98.2%	0.00004 mg/L	0.0002 mg/L	N/A	J-00051975
P-Dichlorobenzene	0.22 mg/L	0.225 mg/L ± 10%	99.8%	0.0005 mg/L	0.075 mg/L	N/A	J-00049298
Toxaphene	0.014 mg/L	0.015 mg/L ± 10%	93%	0.001 mg/L	0.003 mg/L	N/A	J-00049302
2,4-D	0.213 mg/L	0.210 mg/L ± 10%	95.2%	0.009 mg/L	0.07 mg/L	N/A	J-00049284
Lead pH @6.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00051974
Lead pH @8.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00049277
Mercury @ pH 6.5	0.0059 mg/L	0.006 mg/L ± 10%	96.1	0.0002 mg/L	0.002 mg/L	N/A	J-00053886
Mercury @ pH 8.5	0.0058 mg/L	0.006 mg/L ± 10%	90.1	0.0006 mg/L	0.002 mg/L	N/A	J-00051972
Cyst*	120,000 cysts/L	Minimum 50,000 cysts/L	99.99%	<1 cyst/L	N/A	≥ 99.95%	J-00049281

* Based on the use of Cryptosporidium parvum oocysts.

Application Guidelines/Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Potable Water
Water Pressure	20-120 psi (140 and 830 kPa)
Water Temperature	33°F - 100°F (0.6°C - 38°C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised.

NOTE

- While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge: ADQ36006101
For estimated costs of replacement elements please call USA 1-800-243-0000
CANADA 1-888-LGCANADA (24 hours per day/7 days per week) or visit our website at www.lg.com

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WARNING

To reduce the risk associated with choking:

- Do not allow children under 3 years of age to have access to small parts during the installation of this product.

To reduce the risk associated with the ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment # 070595-MEX-001



CAUTION

To reduce the risk associated with property damage due to water leakage:

- Read and follow. Use Instructions before installation and use of this system.
- Installation and use MUST comply with all state and local plumbing codes.
- Do not install if water pressure exceeds 120 psi (830 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you uncertain how to check for this condition.
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100°F (37.8°C).
- Protect filter from freezing. Drain filter when temperatures drop below 40°F (4.4°C).
- The disposable filter cartridge MUST be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 33° F.
- Do not install systems in areas where ambient temperatures may go above 110° F (43.3° C).
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Ensure all tubing and fittings are secure and free of leaks.

Manufactured for LG®Electronics by CUNO Incorporated 400 Research Parkway Meriden, CT 06450 U.S.A Worldwide: 203-237-5541
www.cuno.com

State of California
Department of Public Health
Water Treatment Device
Certificate Number
09- 2018
Date Issued: December 15, 2009

<u>Trademark/Model Designation</u>	<u>Replacement Elements</u>
ADQ36006101-S	ADQ36006101
<u>Manufacturer: Cuno Inc.</u>	

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

<u>Microbiological Contaminants and Turbidity</u>	<u>Inorganic/Radiological Contaminants</u>
Cysts	Asbestos
	Lead
	Mercury
<u>Organic Contaminants</u>	
2,4-D Reduction	
Atrazine	
Benzene	
Carbofuran	
Lindane	
p-Dichlorobenzene	
Toxaphene	
<u>Rated Service Capacity: 200 gal</u>	<u>Rated Service Flow: 0.5 gpm</u>

Conditions of Certification:

SMART DIAGNOSIS



Should you experience any problems with your refrigerator, it has the capability of transmitting data via your telephone to the LG service center. This gives you the capability of speaking directly to our trained specialists. The specialist records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis.

If you experience problems with your refrigerator, call 1-800-243-0000. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent. The transmission sounds that you will hear are normal and sound similar to a fax machine.

Smart Diagnosis cannot be activated unless your refrigerator is connected to power. If your refrigerator is unable to turn on, then troubleshooting must be done without using Smart Diagnosis.

Using Smart Diagnosis

First, call 1-800-243-0000. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent.

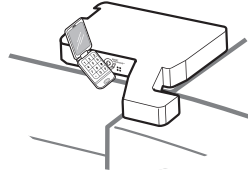
- 1 Lock the display. To lock the display, press and hold the Lock button for three seconds. (If the display has been locked for over five minutes, you must deactivate the lock and then reactivate it.)

Door Alarm

Lock
Hold 3 sec.

- 2 Open the right refrigerator door.

- 3 Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door, when instructed to do so by the call center.



- 4 Press and hold the Freezer Temperature button for three seconds while continuing to hold your phone to the speaker.

Freezer

- 5 After you hear three beeps, release the Freezer Temperature button.
- 6 Keep the phone in place until the tone transmission has finished. the display will count down the time. Once the countdown is over and the tones have stopped, resume your conversation with the specialist, who will then be able to assist you in using the information transmitted for analysis.



NOTE

- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.



NOTE

- Call quality differences by region may affect the function.
- Use the home telephone for better communication performance, resulting in better service.
- Bad call quality may result in poor data transmission from your phone to the machine, which could cause Smart Diagnosis to not work properly.