

USING YOUR REFRIGERATOR

AUTOMATIC ICEMAKER

The icemaker will produce approximately 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 6-8 (12-16 oz) glasses of ice.
- 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)**.
- The water pressure must be between 20 and 120 psi (0,14 ~ 0,82 MPa) on models without a water filter and between 40 and 120 psi (0,28 ~ 0,82 MPa) 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.

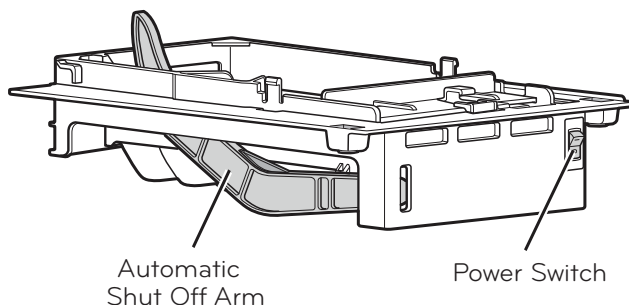
⚠ CAUTION

- **The first ice produced after installation 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.
- If discolored ice is produced, check the water supply. If the problem continues, contact a qualified service center. Do not use the ice or water until the problem is corrected.
- Be sure nothing interferes with the sweep of the Automatic Shut Off Arm.
- When the bin fills to the level of the Automatic Shut Off Arm, the icemaker will stop producing ice.
- It is normal for some cubes to be stuck together.
- If ice is not used frequently, old ice cubes will become cloudy, taste stale, and shrink.
- 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.
- Never use thin crystal glass or crockery to collect ice. Such containers may chip or break resulting in glass fragments in the ice.

⚠ WARNING

Personal Injury Hazard

DO NOT place fingers or hands on the automatic ice making mechanism while the refrigerator is plugged in.



WHEN YOU SHOULD SET THE ICEMAKER POWER SWITCH TO OFF (O)

- 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 (O)** 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.

USING YOUR REFRIGERATOR

FOOD STORAGE GUIDE

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.

Items	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.
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 (1 to 1,5 kg of food per each 30 liters) 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.

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

⚠ CAUTION: Do not keep beverage cans or plastic food containers in the freezer compartment. They may break or burst if they freeze.

USING YOUR REFRIGERATOR

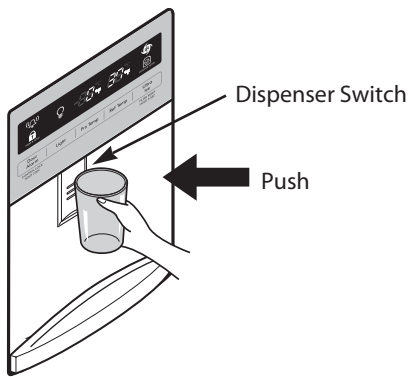
⚠ WARNING: DO NOT STORE ELECTRICAL APPLIANCES, do not use electrical appliances inside the food storage compartment, unless they are recommended by the manufacturer.

To replace the tray, slightly tilt up the front of the tray and snap the tabs into the holes.

REFRIGERATOR SECTION

WATER DISPENSER

To dispense cold water, push on the dispenser switch with a glass.

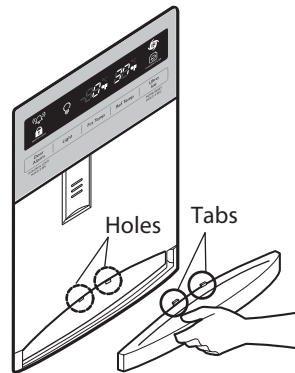
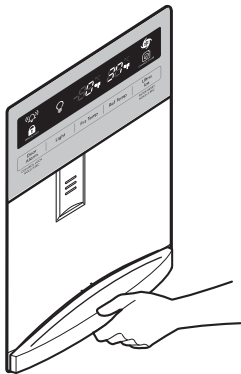


Some dripping may occur after dispensing. Hold your cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.

WATER TRAY

To remove the tray, press down on either of the front corners and pull out.

NOTE: There is no drain beneath the tray. You may need to empty the tray of any liquid that collects in it.



USING YOUR REFRIGERATOR

REFRIGERATOR SHELVES

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

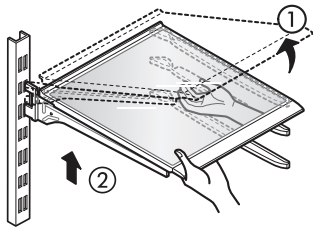
IMPORTANT: Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

NOTE: Glass shelves are heavy. Use special care when removing them.

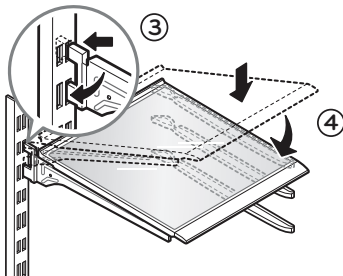
Adjusting Shelves (Split Shelf)

Remove shelves from the shipping position and replace shelves in the position you want.

To remove a shelf –Tilt up the front of the shelf ① and lift it ②. Pull the shelf out.



To reinstall a shelf –Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height ③. Then, lower the front of the shelf so that the hooks drop into the slots ④.



⚠ CAUTION:

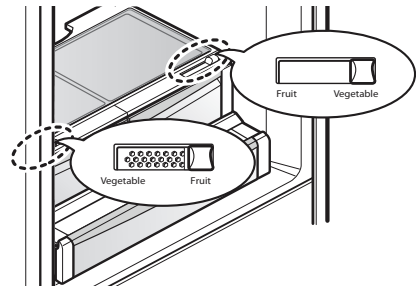
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HUMIDITY CONTROLLED CRISPER

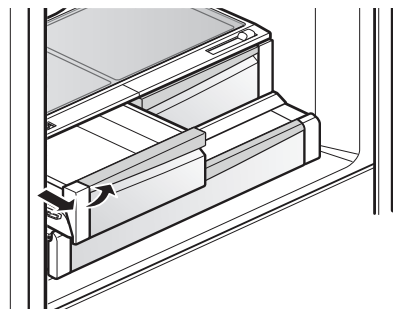
The crispers provide fresher tasting fruit and vegetables by letting you easily control humidity inside the drawer. You can control the amount of humidity in the moisture sealed crispers by adjusting the control to any setting between VEGETABLE and FRUIT.

- VEGETABLE keeps moist air in the crisper for best storage of fresh, leafy vegetables.
- FRUIT lets moist air out of the crisper for best storage of fruit.



REMOVING THE HUMIDITY CONTROLLED CRISPER

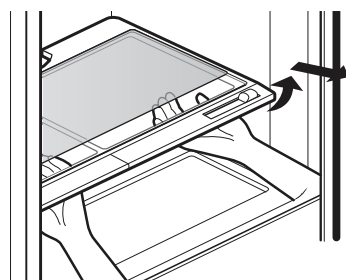
1. To remove, pull the drawer out to full extension.
2. Lift the front of the crisper up, then pull it straight out.
3. To install, slightly tilt up the front, insert the drawer into the frame and push it back into place.



To remove the glass

1. Lift up the glass under the crisper cover.
2. Pull the glass up and out.

NOTE: Pantry drawer not shown for clarity.

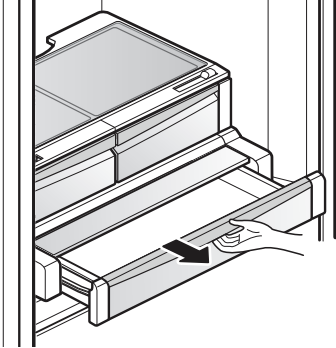


USING YOUR REFRIGERATOR

PANTRY DRAWER

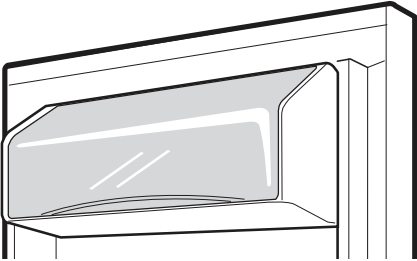
This drawer can be used for large party trays, deli items and beverages. (Do not use this drawer for vegetables or items that require high humidity.)

Pull forward to open. Lift slightly and pull out to remove.



DAIRY BIN

1. To remove the dairy bin, simply lift it and pull straight out.
2. To replace the dairy bin, slide it above the desired location and push down until it stops.

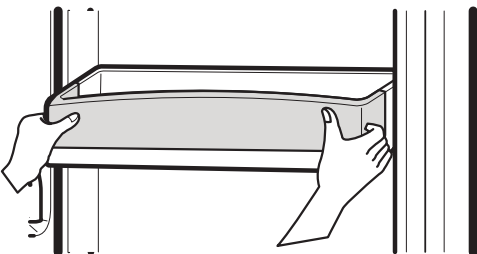


DOOR BINS

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.

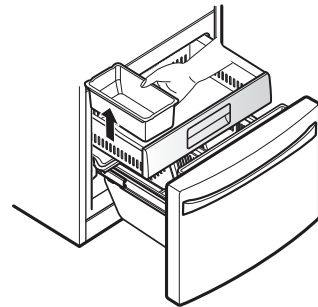
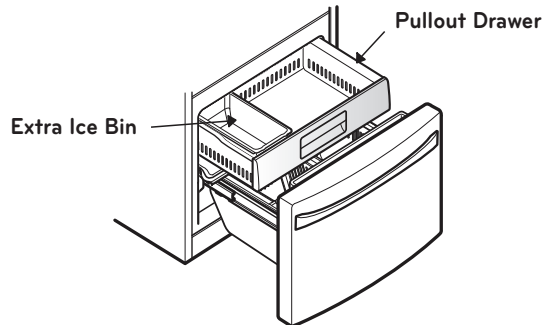
NOTE: Some bins may vary in appearance and will only fit in one location.



FREEZER SECTION

ICE BIN

1. Pull the Freezer Drawer and the Pullout Drawer out as far as possible to remove the Extra Ice Bin.
2. Gently lift and pull out the ice bin.
3. To replace, pull both drawers out as far as possible, and set the bin in its correct position in the Pullout Drawer. Close the Pullout Drawer and then the Freezer Drawer.



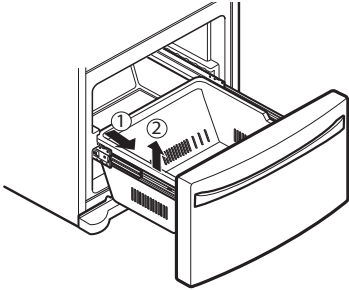
⚠ CAUTION: Pinch hazard! Keep hands and feet clear of the bottom of the freezer drawer when opening and closing.

USING YOUR REFRIGERATOR

DURABASE REMOVAL AND REPLACEMENT

1. To remove the Durabase, open the drawer to full extension①. Push the Durabase to the back as much as possible, tilt the front of the Durabase up, and then lift it up and out②.

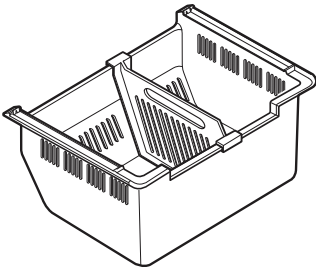
2. To replace, tilt the back of the Durabase into the drawer, then lower it down and into the rail assembly.



NOTE: Assemble the Durabase before assembling the pullout drawer. The pullout drawer needs clearance in order to properly seat its rollers. If the items are assembled improperly, the freezer door may not close.

DURABASE DIVIDER

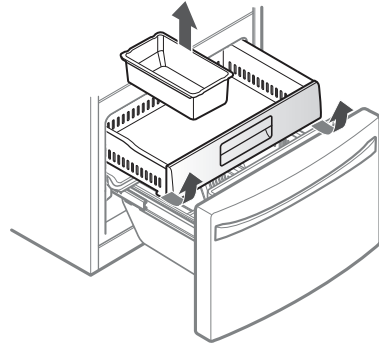
The Durabase divider allows you to organize the Durabase area into sections. It can be adjusted from side to side to accommodate items of different sizes.



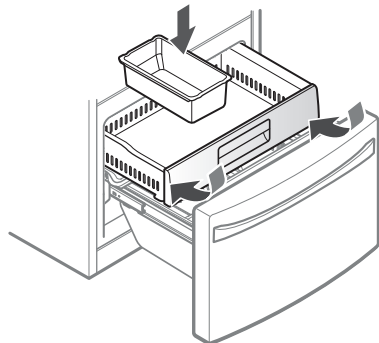
⚠ WARNING: If the Durabase divider is removed, there is enough open space for children or pets to crawl inside. To prevent accidental child and pet entrapment or suffocation risk, DO NOT allow children or pets to touch or go near the drawer.

PULLOUT DRAWER

1. To remove, pull the drawer out to full extension. Lift the drawer up and out, making sure to clear the rail system.



2. To replace, with the drawer pulled out to full extension, insert the drawer in the rail assembly.

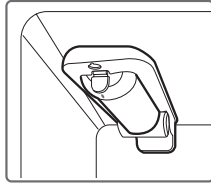


WATER FILTER

WATER FILTER

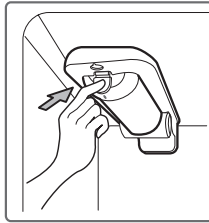
It is recommended that you replace the water filter:

- Approximately every 6 months.
- When the water filter indicator turns on.
- When the water dispenser output decreases.
- When the ice cubes are smaller than normal.

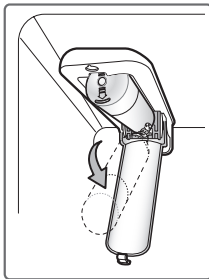


1. Remove the old water filter.

- 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.



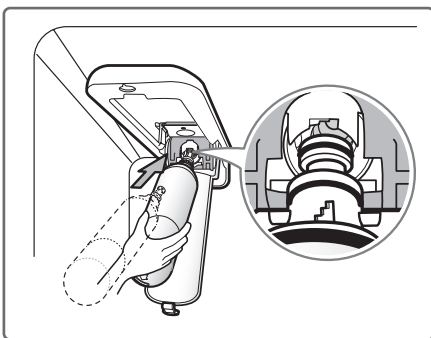
NOTE: Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain. Before pushing the button to open the water filter cover, place a cup under the front end of the cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining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



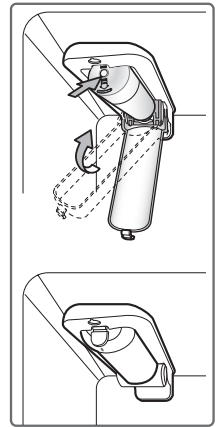
- Pull the water filter downward and pull out. Make sure to rotate the filter down completely before pulling it out of the manifold hole.

2. Replace with a new water filter.

- Take the new water filter out of its packaging and remove the protective cover from the o-rings. With water filter tabs in the horizontal position, push the new water filter into the manifold hole until it stops.



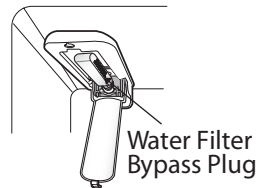
- Rotate the water filter up into position and close the cover. The cover will click when closed correctly.



3. After the water filter is replaced, dispense 2.5 gallons (9 liters) of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon (9 liters) 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 replacement water filter cartridges, visit your local appliance dealer or parts distributor. You can also call **USA 1-800-243-0000** **CANADA 1-888-542-2623** (24 hours per day/ 7 days per week). The replacement water filter cartridge's part number is **ADQ36006101**.

WATER FILTER

Performance Data Sheet

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%	< 1 MFL	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

WATER FILTER

Application Guidelines/Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Potable Water
Water Pressure	40-120 psi (0,28 - 0,83 MPa)
Water Temperature	33°F - 100°F (0.6°C - 38°C)

It is essential that the manufacturer's recommended installation, maintenance and water 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 **1-888-542-2623** (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 ingestion of contaminants: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after of the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 10350-MN-005

CAUTION

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

- Read and follow the Water Filter 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 (0,83 MPa). Contact a plumbing professional if you are uncertain of 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 are uncertain of how to check for this condition.
- Do not install on hot water supply lines. The maximum operating water temperature of this water filter system is 100°F (38°C).
- Protect water filter from freezing. Do not operate refrigerator in ambient conditions below 55°F (12.7°C). Drain water filter when storing unit in temperatures below 40°F (4.4°C).
- The disposable water filter must be replaced every six months, at the rated capacity, or if a noticeable reduction in flow rate occurs.

WATER FILTER

State of California
Department of Public Health
Water Treatment Device
Certificate Number
09-2018

Date Issued: December 15, 2009

Trademark/Model Designation

ADQ36006101-S

Replacement Elements

ADQ36006101

Manufacturer: Cuno Inc.

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:

Microbiological Contaminants and Turbidity

Cysts

Inorganic/Radiological Contaminants

Asbestos

Lead

Mercury

Organic Contaminants

2,4-D Reduction

Atrazine

Benzene

Carbofuran

Lindane

p-Dichlorobenzene

Toxaphene

Rated Service Capacity: 200 gal

Rated Service Flow: 0.5 gpm

Conditions of Certification:

CARE AND CLEANING

⚠ WARNING



Explosion Hazard

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

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

GENERAL CLEANING TIPS

- Unplug refrigerator or disconnect power.
- Remove all removable parts, such as shelves, crispers, etc. Refer to sections in Using Your Refrigerator for removal instructions.
- 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.
- Plug in refrigerator or reconnect power.

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.

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.

⚠ CAUTION: While cleaning the inside, do not spray water.

DOOR LINERS AND GASKETS

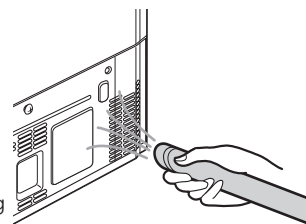
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

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.



CARE AND CLEANING

LIGHT (LED) REPLACEMENT

NOTE: Do not remove the LED, it is only to be removed by a qualified technician.

WARNING

In case of replacement, the new LED must have the same specification of the original.

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 frozen food and store it in a 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. Depending on your model, set the thermostat control (refrigerator control) to OFF. See the Setting the Controls section.
3. Clean the refrigerator, wipe it and dry well.
4. 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.