LG

Linear

BOTTOM FREEZER REFRIGERATOR

User's Guide

Please read this guide thoroughly before operating and keep it handy for reference at all times.

P/No. MFL37933565

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⚠

- **This product is exclusive use at 240V/50Hz.**
- **You should purchase transformer of more than 2.0KVA when you want to use it at the 110V area.**
- **You can't use it anywhere except 50Hz area.**

SAFETY MESSAGES

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, CAUTION. These words mean:

⚠ DANGER You **will** be killed or seriously injured if you don't follow instructions.

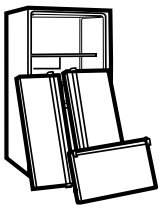
⚠ WARNING You **can** be killed or seriously injured if you don't follow instructions.

⚠ 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.

⚠ DANGER: RISK OF CHILD ENTRAPMENT

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous…even if they will sit for *just a few days*. If you are getting rid of your old refrigerator, please follow the instructions at right to help prevent accidents.



BEFORE YOU THROW AWAY YOUR OLD REFRIGERATOR OR FREEZER

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

CFC DISPOSAL

Your old refrigerator may have a cooling system that used CFCs (chlorofluorocarbons). CFCs are believed to harm stratospheric ozone.

If you are throwing away your old refrigerator, make sure the CFC refrigerant is removed for proper disposal by a qualified servicer. If you intentionally release this CFC refrigerant, you can be subject to fines and imprisonment under provisions of environmental legislation.

⚠ WARNING

- Repair or replace immediately all electric service cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
- When moving your refrigerator away from the wall, be careful not to roll over or damage the power cord.
- Keep fingers out of *pinch point areas;* clearances between the doors and cabinet are necessarily small. Be careful closing doors when children are in the area.
- This refrigerator must be properly installed in accordance with the **Attention Installer Instructions** that were taped to the front of the refrigerator.
- Don't touch the lamp, in case of light on the long time, Because it can be very hot.

SAVE THESE INSTRUCTIONS

GROUNDING REQUIREMENTS

IMPORTANT: Please read carefully.

TO CONNECT ELECTRICITY

⚠ WARNING

Electrical Shock Hazard

FOR PERSONAL SAFETY, this appliance must be properly grounded. Have the wall outlet and the circuit checked by a qualified electrician to make sure the outlet is properly grounded.

RECOMMENDED GROUNDING METHOD

The refrigerator should always be plugged into its own individual properly grounded electrical outlet rated for 240 Volts, 50 Hz, AC only, and fused at 15 or 20 amperes.

This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires. It is recommended that a separate circuit serving only this appliance be provided.

Use a receptacle which cannot be turned off with a switch or pull chain. Do not use an extension cord.

Where a standard two-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded three-prong wall outlet.

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

NOTE: Before performing any type of installation, cleaning,or removing a light bulb, turn the control (Thermostat, Refrigerator Control or Freezer Control, depending on the model)to OFF and then disconnect the refrigerator from the electrical source. When you are finished,reconnect the refrigerator to the electrical source and reset the control (Thermostat, Refrigerator Control or Freezer Control, depending on the model) to the desired setting.

IMPORTANT SAFETY INSTRUCTIONS

Don't use an extension cord

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

Accessibility of Supply Plug

The refrigerator-freezer should be so positioned that the supply plug is accessible for quick disconnection when accident happens.

Supply Cord Replacement

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

FEED WATER PIPE INSTALLATION

Before installation

- Automatic ice maker can be installed only by manufacturer.
- Automatic ice maker operation needs water pressure of 147~834 kPa (1.5~8.5 kgf/cm^2) (That is, an instant paper cup (180 cc) will be fully filled within 3 sec.).
- If water pressure does not reach the rating 147 kPa (1.5 kgf/cm^2) or below, it is necessary to purchase a separate pressure pump for normal automatic icing and cool water feed.
- Keep the total length of the feed water pipe tube within 8 m and be careful for the tube not be bent. If the tube is 8 m or longer it may cause trouble in water feed owing to the drain water pressure.
- Install the feed water pipe tube at a place free from heat.

⚠ WARNING

- Connect to potable water supply only.
- Refer to instructions with water filter kit for installation.

⚠ WARNING

- 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.

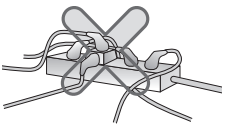
⚠ WARNING

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

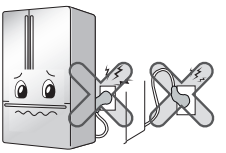
The dedicated outlet should be used.

- 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.



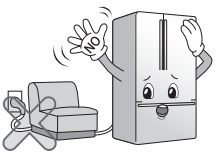
Prevent the power cord from being squeezed or imprinted if the refrigerator is pushed in after the power plug is extracted during the installation.

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.

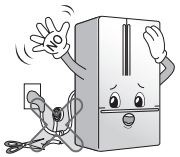
It may damage the power cord to cause fire or electric shock.



⚠ WARNING

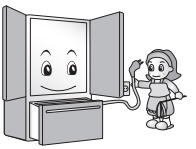
Do not extend or modify the length of the power plug.

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



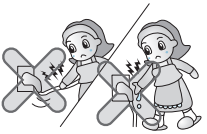
Unplug the power plug when cleaning, handling or replacing the interior lamp of the refrigerator.

- 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.



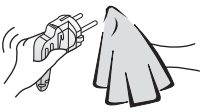
Do not pull out the cord or touch the power plug with wet hands.

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.

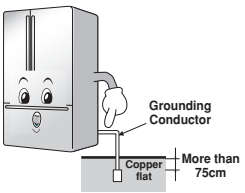
It may cause electric shock or short circuit to fire.



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.



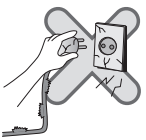
Be sure to use grounded exclusive proper voltage consent for the power plug.

Be sure to use grounded extension consents when extension consents are used.

It becomes the cause of fire.

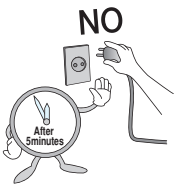
When the power cord or the power plug is damaged or the holes of the outlet are loosed, do not use them.

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.



2. When using the refrigerator

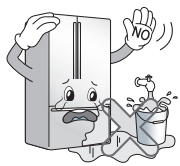
Do not place the heavy object or the dangerous object (container with liquid) on the refrigerator.

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



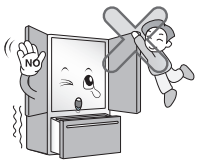
Do not install the refrigerator in the wet place or the place which water or rain splashes.

Deterioration of insulation of electric parts may cause electric leakage.



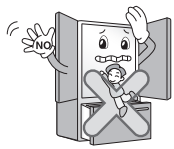
Do not cling to the door or the shelves of the door or the home bar of the freezer or the cool chamber.

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



Prevent children from entering the product.

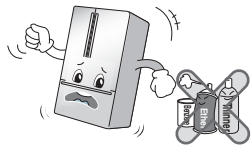
It may endanger the life of a child if the child enters the refrigerator.



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.

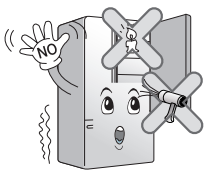
Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the refrigerator.

It may cause explosion or fire.



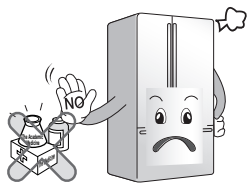
Do not use drier to dry the inside, nor light a candle to remove odor.

It may cause explosion or fire.



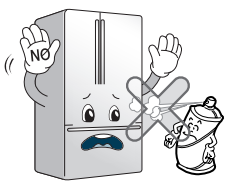
Do not store the medicine or the academic materials at the refrigerator.

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.



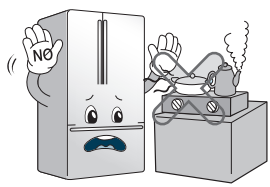
Do not use the combustible spray near the refrigerator.

It may cause fire.



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

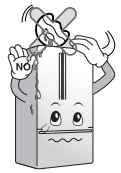
It may cause fire.



IMPORTANT SAFETY INSTRUCTIONS

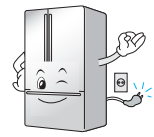
Do not place flower vase, cup, cosmetics, medicine or any container with water on the refrigerator.

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



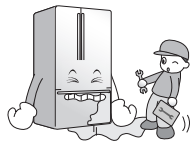
In case of thunder and lightning, or not in use for a long period of time, detach the power plug.

There is a danger of electric shock or fire.



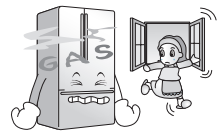
Use the submerged refrigerator after checking it.

It may cause electric shock or fire.



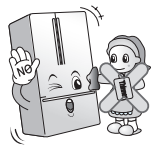
When gas is leaked, do not touch the refrigerator or the outlet and ventilate the room immediately.

- 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 (50~60g) 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.



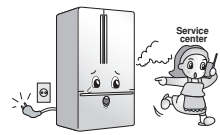
Do not spray water at the outside or the inside of the refrigerator or do not clean it with benzene or thinner.

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



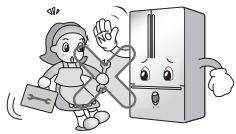
When any strange smell or smoke is detected from the refrigerator, power plug get rid of electric outlet immediately and contact to the service center.

It may cause fire.



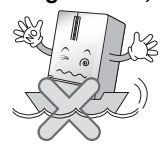
Do not allow any person except the qualified engineer to disassemble, repair or alter the refrigerator.

It may cause injury, electric shock or fire.



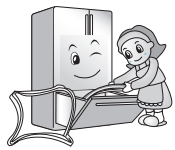
Do not use the refrigerator for non-domestic purpose (storing medicine or testing material, using at the ship, etc.).

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



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.

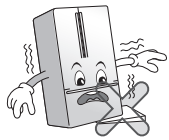


This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

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

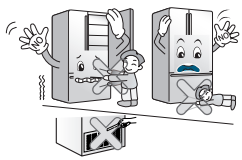
Install the refrigerator on the solid and level floor.

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.



⚠ CAUTION

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

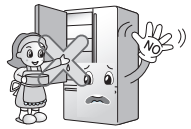
Do not insert the hands into the ice bucket or the ice dispenser.

Operating the ice maker may cause injury.



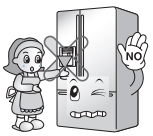
Do not touch food or containers at the freezer with wet hands.

It may cause frostbite.



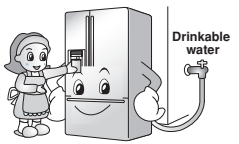
Do not put ice in thin crystal cup or ceramic ware.

It may break cup or ceramic ware to cause injury.



Supply the automatic ice maker with drinkable water only (only for the model with the dispenser).

Otherwise, it may cause any risk.



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.

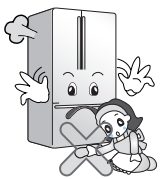
Do not put bottle in the freezer.

It may freeze the contents to break the bottle to cause injury.



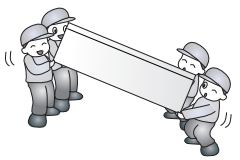
Do not insert the hands into the bottom of the refrigerator.

The iron plate of the bottom may cause injury.



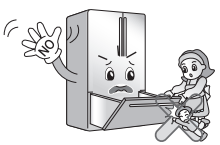
Carry the refrigerator with the handle bar at the bottom of the front and the top of the rear.

Otherwise, your hands may be slipped to cause injury.
Because the product is heavy, carrying it alone may hurt people or accidents may occur.

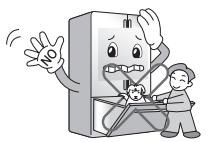


Because opening or closing the door of the refrigerator may cause injury to the person around it, be careful, please.

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.



⚠ WARNING

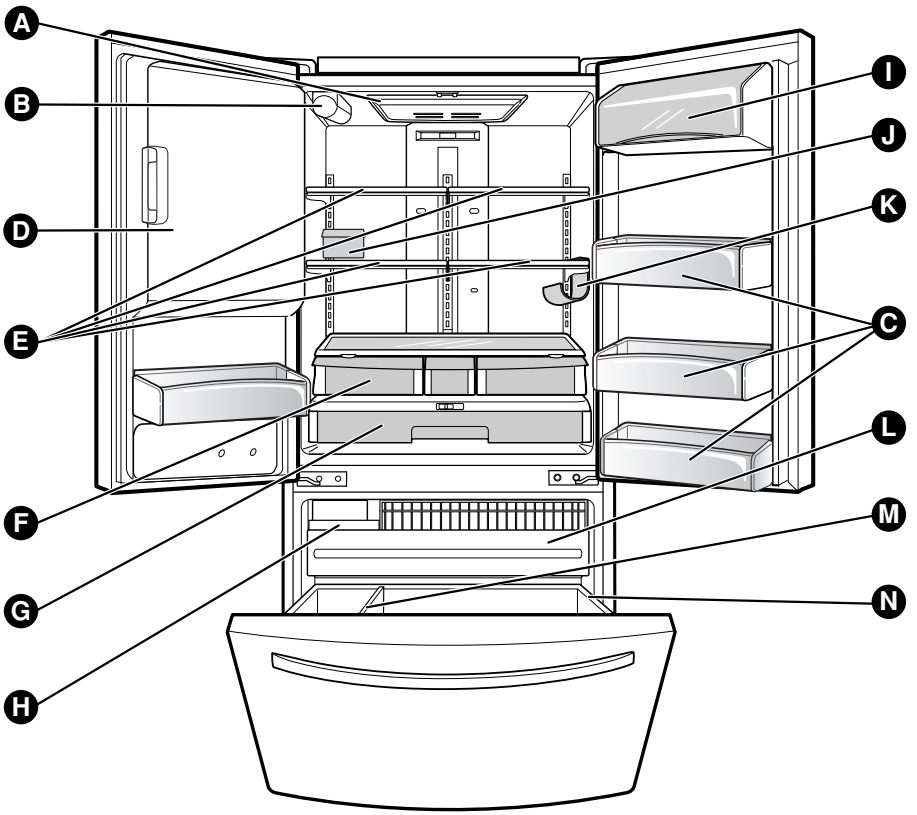
- ⚠ Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- ⚠ Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- ⚠ Do not damage the refrigerant circuit.
- ⚠ Do not use electrical appliances inside the food storage 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.

PARTS AND FEATURES



Use this page to become more familiar with the parts and features. Page references are included for your convenience.

NOTE: This guide covers several different models. The refrigerator you have purchased may have some or all of the items listed below. The locations of the features shown below may not match your model.

- **A** Led Interior Lamps
- **B** Filter (Inside) (p. 32)
- **C** Modular Door Bins (p. 29)
- **D** In Door Ice bin(p.24)
- **E** Shelves (p. 27)
- **F** Crisper (p. 28)
  (Keeps fruits and vegetable fresh and crisper)
- **G** Glide'N'Serve (p. 28)
- **H** Ice bin (p. 30)
- **I** Dairy Bin (p. 29)
- **J** Utility Bin (p. 29)
- **K** Bottle Holder (p. 27)
- **L** Pull out Drawer (p. 31)
- **M** Divider (p. 31)
- **N** Durabase (p. 30)

REFRIGERATOR INSTALLATION

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install refrigerator.

Failure to do so can result in back or other injury.

UNPACKING YOUR REFRIGERATOR

Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning-type labels, the model and serial number label, or the TechSheet that is attached to back wall of the refrigerator.

To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.

Do not use sharp instruments, rubbing alcohol, flammable fluids or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator. For more information, see the **Important Safety Instructions** section.

Refrigerator shelves are installed in the shipping position.

⚠ WARNING

When Moving Your Refrigerator:

Your refrigerator is heavy. When moving the refrigerator for cleaning or service, be sure to protect the floor. Always pull the refrigerator straight out when moving it. Do not wiggle or walk the refrigerator when trying to move it, as floor damage could occur.

⚠ WARNING

Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from refrigerator.

Failure to do so can result in death, explosion or fire.

Please reinstall shelves according to your individual storage needs.

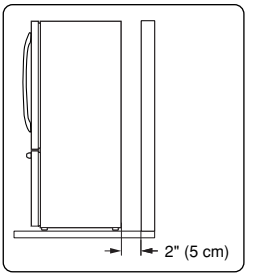
- To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area.
- Select a place where a water supply can be easily connected for the automatic icemaker.

⚠ **CAUTION:** Avoid placing the unit near heat sources, direct sunlight or moisture.

INSTALLATION

- To minimize noise and vibration, the refrigerator MUST be installed on a solidly constructed floor.
- Carpeting and soft tile surfaces are not recommended.
- Never install the refrigerator on a platform or weakly supported structure.

1. To avoid vibration, the unit must be level. If required, adjust the leveling screws to compensate for unevenness of the floor. The front should be slightly higher than the rear to aid in door closing. Leveling screws can be turned easily by tipping the cabinet slightly. Turn the leveling screws clockwise ( ) to raise the unit, counterclockwise ( ) to lower it.
2. Install this appliance in an area where the temperature is between 13°C and 43°C. If the temperature around the appliance is too low or high, cooling ability may be adversely affected.
3. Too small a distance from adjacent items may result in lowered freezing capability and increased electricity consumption charges. Allow at least 24 in. (61 cm) in front of the refrigerator to open the doors.



NEXT

1. Clean your refrigerator thoroughly and wipe off all dust accumulated during shipping.
2. Install accessories such as ice cube bin, drawers, shelves, etc., in their proper places. They are packed together to prevent possible damage during shipment.
3. Let your refrigerator run for at least 2 or 3 hours before putting food in it. Check the flow of cold air in the freezer compartment to ensure proper cooling. Your refrigerator is now ready for use.

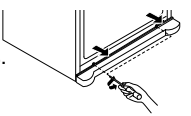
BASE COVER

To remove the base cover

1. Open the Freezer Drawer. (Drawer not shown for clarity.)
2. Once drawer is open there is sufficient clearance to remove screws on top of cover.

To replace base cover:

- Place cover into position and insert and tighten screws.



HOW TO REMOVE DOOR HANDLES

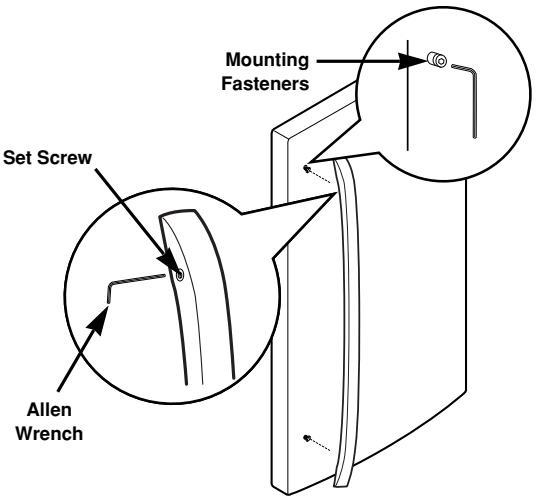
To move refrigerator through a house door, it maybe necessary to remove refrigerator and freezer door handles.

NOTE: Handle appearance may vary from illustrations on this page.

1. Removing Refrigerator Handle

- Loosen the set screws with a 2.5 mm (3/32") Allen wrench and remove the handle.

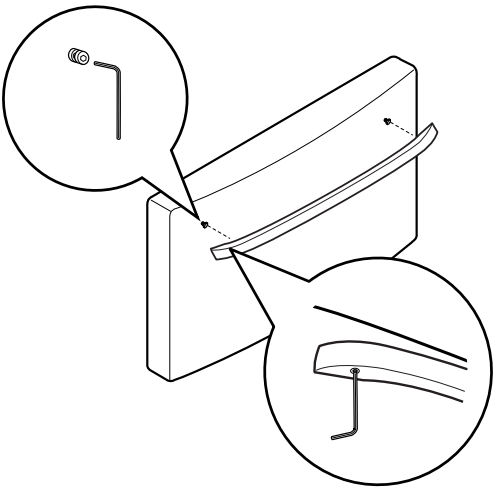
NOTE: If the handle mounting fasteners need to be tightened or removed, use a 1/4" Allen wrench.



2. Removing Freezer Drawer Handle

- Loosen the set screws located on the lower side of the handle with a 3.1 mm (1/8") Allen wrench and remove the handle.

NOTE: If the handle mounting fasteners need to be tightened or removed, use a 1/4" Allen wrench.



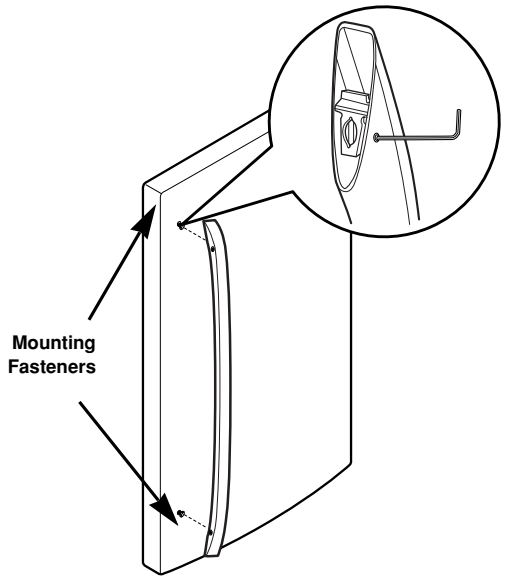
HOW TO REPLACE DOOR HANDLES

NOTE: Handle appearance may vary from illustrations on this page.

1. Replacing Refrigerator Door Handle

- Place the handle on the door by adjusting handle footprints to fit mounting fastners and tighten the set screws with a 2.5 mm (3/32") Allen wrench.

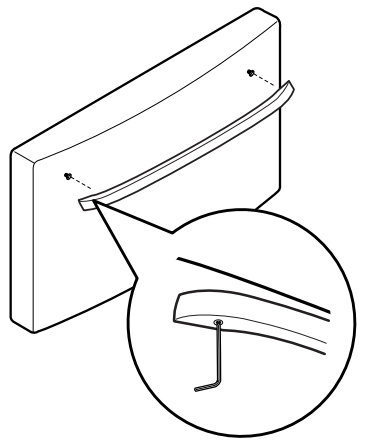
NOTE: If the handle mounting fasteners need to be tightened or removed use a 1/4" Allen wrench.



2. Replacing Freezer Drawer Handle

- Place the handle on the door by adjusting handle footprints to fit mounting fastners and tighten the set screws on the bottom of the handle with a 3.1 mm (1/8") Allen wrench.

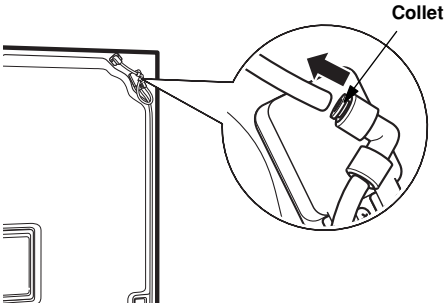
NOTE: If the handle mounting fasteners need to be tightened or removed use a 1/4" Allen wrench.



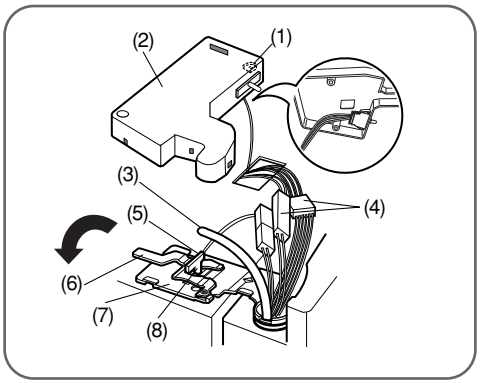
REMOVING AND REPLACING REFRIGERATOR DOORS

To remove the left refrigerator door:

Pull the water tube out of the fitting while pressing the release ring on the fitting. When you pull out the tube, first you have to push the collet by opposite direction of arrow in the upper picture and tube pull out by direction of arrow.



⚠ **CAUTION:** Before you begin, remove food and bins from the doors.



1. Open the door. Remove the top hinge cover screw (1).

2. Use a flat-head screwdriver to pry back the hooks (not shown) on the front underside of the cover (2). Lift up the cover.

3. Remove the cover. Pull out the tube (3).

4. Disconnect all the wire harnesses (4).

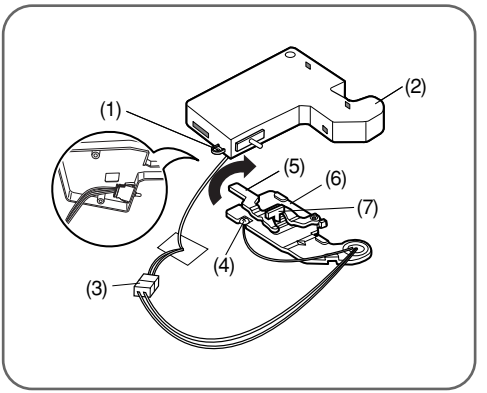
5. Remove the grounding screw (5).

6. Rotate hinge lever(6) ounterclockwise. Lift the top hinge (7) free of the hinge lever latch (8).

IMPORTANT: When lifting the hinge free of the latch, be careful that the door does not fall forward.

- Lift the door from the middle hinge pin and remove the door.
- Place the door, inside facing up, on a nonscratching surface.

To remove the right refrigerator door:



1. Open door. Loosen top hinge cover screw (1). Lift up cover (2).

2. Remove cover.

3. Disconnect wire harness (3).

4. Remove the grounding screw (5).

5. Rotate hinge lever(5) clockwise. Lift top hinge (6) free of hinge lever latch (7).

IMPORTANT: When lifting the hinge free of the latch, be careful that the door does not fall forward.

- Lift the door from the middle hinge pin and remove the door.

⚠ **CAUTION :** Always attach/detach with the door open to 90°.

- Place the door, inside facing up, on a non-scratching surface.

REFRIGERATOR INSTALLATION

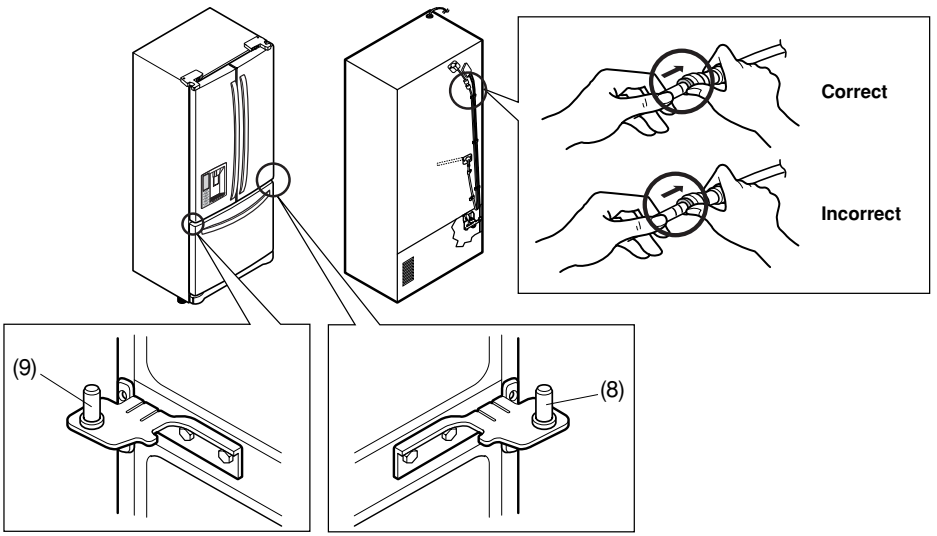
Replacing Refrigerator Door:

► Right Door

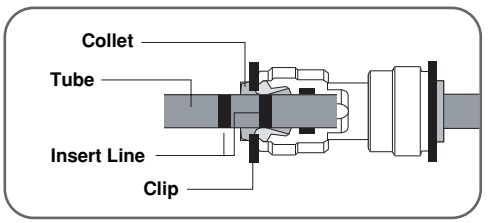
- Lower the door onto middle hinge pin (8).
- Make sure the plastic sleeve is inserted in the bottom of the door.
- Fit top hinge (6) over hinge lever latch (7) and into place. Rotate lever (5) counterclockwise to secure hinge.
- Install the grounding screw (4) and connect wire harnesses (3).
- Hook tab on door switch side of cover under edge of wire opening in cabinet top. Position cover (2) into place. Insert and tighten cover screw (1).

► Left Door

- Lower the door onto middle hinge pin (9).
- Fit top hinge (7) over hinge lever latch (8) and into place. Rotate lever (6) clockwise to secure hinge.
- Install the grounding screw (5) and connect the three wire harnesses (4).
- Push the water supply tube into the hole on the top case and pull it out on the backplate.
- Insert the water supply tube (3) into the connector tube until you see only one scale mark. (Fully insert the tube over 5/8" (15mm)).
- Hook tab on door switch side of cover (2) under edge of wire opening in cabinet top. Position cover into place. Insert and tighten cover screw (1).



⚠ CAUTION



1. Insert the tube until you can see only one of the lines printed on the tube.

2. After inserting, pull the tube to ascertain that it is secure.

3. Assemble the clip.

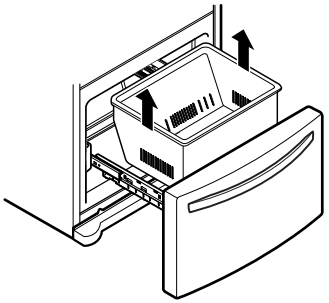
HOW TO REMOVE AND REINSTALL THE PULLOUT DRAWER

⚠ CAUTION

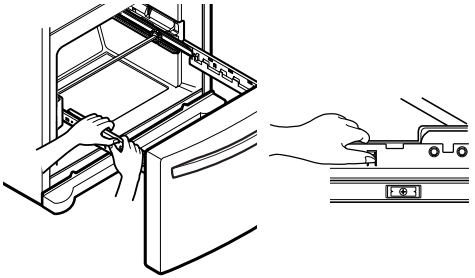
- To avoid possible injury or product or property damage, you will need two people to perform the following instructions.
- When you remove the drawer, do not hold the handle. It may come off and could cause injury.
- When laying the drawer down, be careful not to damage the floor or hurt your feet with the sharp edges on the hinge side.

Removing Pullout Drawer

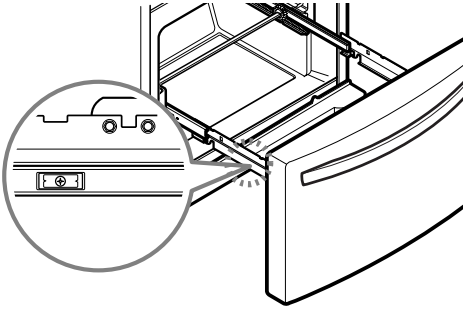
1. To remove the freezer drawer, pull the drawer open to full extension. Remove the lower DuraBase ® basket by lifting the basket from the rail system.



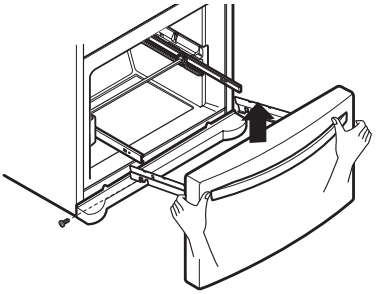
2. Separate the left and right rail cover



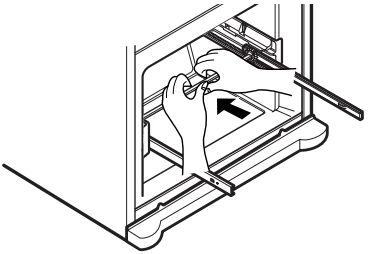
3. Remove the screws of the rail on both sides.



4. With both hands, hold both sides of the door and pull it up to separate it from the rails.



5. With both hands, flex the center bar enough to allow the gears on both ends to release from the track.



⚠ CAUTION: When you remove the drawer, do not hold the handle. If it may come off and it could cause personal injury.

⚠ CAUTION: When laying the drawer down, be careful not to damage the floor or hurt your feet by the sharp edges on hinge side.

HOW TO REMOVE AND REINSTALL THE PULLOUT DRAWER

⚠ CAUTION

- To avoid possible injury or product or property damage, you will need two people to perform the following instructions.

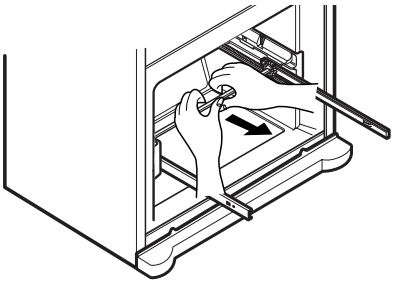
⚠ DANGER

Risk of Child Entrapment

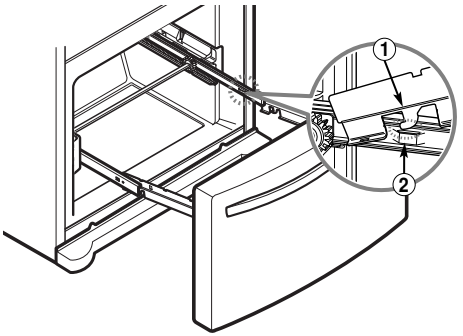
- To prevent accidental child and pet entrapment or suffocation risk, DO NOT allow them to play inside of the freezer drawer.
- DO NOT step or sit on the freezer drawer.

Reinstalling Pullout Drawer

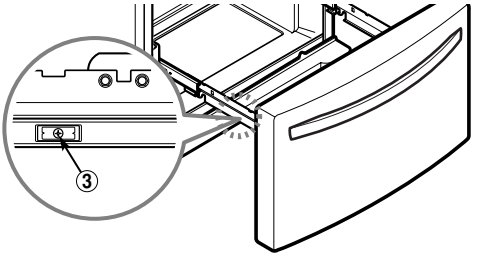
1. To reinstall the freezer drawer, hold the center bar with both hands and pull it out until both rails are fully extended.



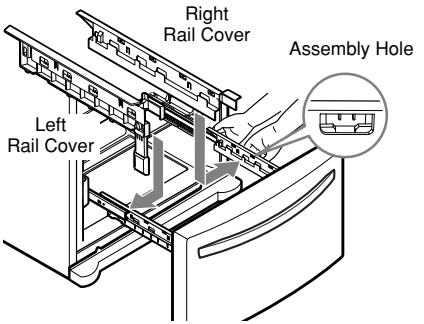
2. Hook door supports (1) into rail tabs (2).



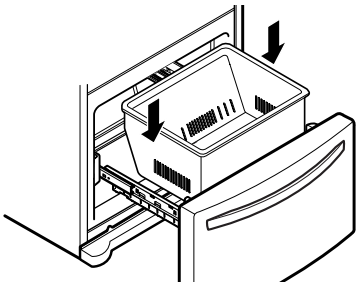
3. Lower door into final position and tighten the screws (3). Make sure you have a right rail cover for each side.



4. Align the top holes of the rail cover with the top holes of the door supports to assemble the rail covers.



5. With the drawer pulled out to full extension, insert the lower basket in the rail assembly.



⚠ WARNING: To prevent accidental child and pet entrapment or suffocation risk. DO NOT allow them to play inside of drawer.

⚠ WARNING: DO NOT step or sit down on freezer.

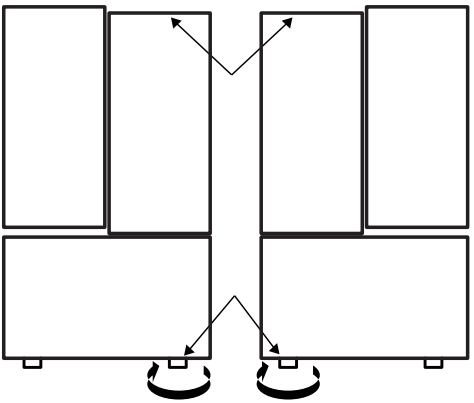
LEVELING AND DOOR ALIGNMENT

Leveling

After installing, secure the product with the LEG not to move left or right.

Your refrigerator has two front leveling screws—one on the right and one on the left. If your refrigerator seems unsteady or you want the doors to close easier, adjust the refrigerator's tilt using the instructions below:

1. Plug the refrigerator's power cord into a 3-prong grounded outlet. Move the refrigerator into its final position.
2. Turn the leveling leg clockwise to raise that side of the refrigerator or counterclockwise to lower it. It may take several turns of the leveling leg to adjust the tilt of the refrigerator. **NOTE:** Having someone push against the top of the refrigerator takes some weight off the leveling legs. This makes it easier to adjust the legs.



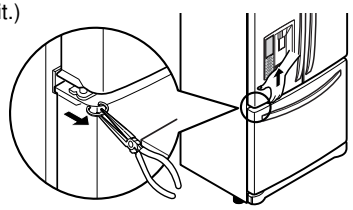
3. Open both doors again and check to make sure that they close easily. If not, tilt the refrigerator slightly more to the rear by turning both leveling screws clockwise. It may take several more turns, and you should turn both leveling screws the same amount.
4. Re-adjust if necessary.
5. Replace the base cover.

   NOTE: Your new refrigerator is uniquely designed with two fresh food doors. Either door can be opened or closed independently of one another. You may have to exert slight pressure on doors to get them to close completely.

Door Alignment

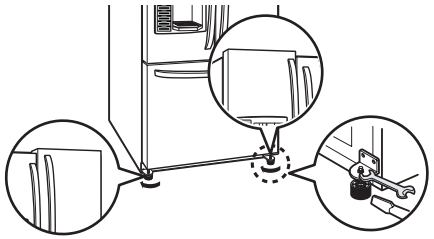
If the space between your doors is uneven, follow the instructions below to align the doors:

1. With one hand, lift up the door you want to raise at middle hinge.
2. With other hand, use pliers to insert snap ring as shown.
3. Insert additional snap rings until the doors are aligned. (Three snap rings are provided with unit.)



⚠ CAUTION

- To avoid possible injury or product or property damage, you will need two people to perform the following instructions.



Level the refrigerator by using an 11/32 inch (8mm) wrench or a flat blade screw driver.

Turn the leveling legs (CCW) to raise or (CW) to lower the height of the front of the refrigerator.

NOTE: The front of the refrigerator should be slightly higher than the back.

NOTE: If someone pushes backward against the top of the refrigerator, weight is lifted off of the leveling legs, which makes adjustment easier.

Open both doors to make sure they close easily. If not, raise the leveling legs higher by turning both clockwise the same amount. Once the refrigerator is level, replace the kick-plate.

NOTE: Your new refrigerator is uniquely designed with two fresh food doors. Either door can be independently opened or closed.

You will have to exert slight pressure on the doors to close them completely.

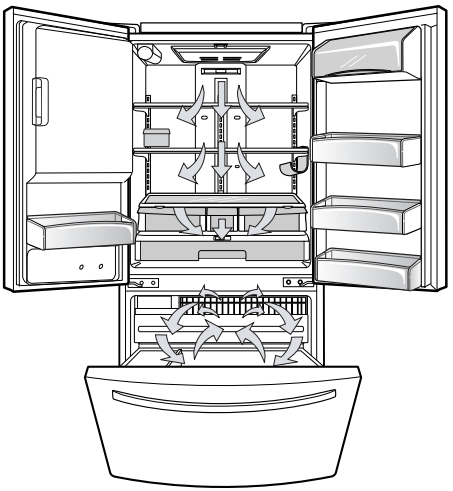
NOTE: In order not to move the refrigerator back and forth, fix it with the 'Adjust' to the floor to install and use.

ENSURING PROPER AIR CIRCULATION

In order to ensure proper temperatures, air must flow between the refrigerator and freezer sections. As shown in the illustration below, air enters at top of freezer and circulates down. From bottom of freezer, air is forced up to top of refrigerator. Air enters refrigerator through top vent, then circulates and exists at bottom, where it returns to freezer.

MULTI-FLOW

- Multi-Flow means powerful and effective cooling operation. This is especially noticeable when new food is placed in the refrigerator compartment.
- If water or foreign substances enter the cool air vent while cleaning, efficiency will be lowered. In addition, if gasket is damaged, efficiency may be lowered because of escaping cool air.

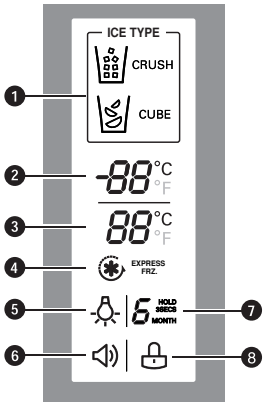


Do not block any of cool air vents with food packages. If the vents are blocked, airflow will be interrupted and temperature and moisture problems may occur.

IMPORTANT: Because air circulates between both sections, any odors formed in one section will transfer to the other. You must thoroughly clean both sections to eliminate odors. To prevent odor transfer and drying out of food, wrap or cover foods tightly. (See the Food Storage Guide section for details.)

SETTING THE CONTROLS

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



❶ DISPENSER SELECTION INDICATOR
Shows Cubed ice or Crushed Ice selection that will be dispensed when the push switch is pressed.

❷ FREEZER TEMPERATURE
Indicates the set temperature of the freezer compartment in Celsius or Fahrenheit.

❸ REFRIGERATOR TEMPERATURE
Indicates the set temperature of the refrigerator compartment in Celsius or Fahrenheit.

❹ EXPRESS FRZ.
When the EXPRESS FRZ. button is pressed, the display will indicate the selected function has been activated.

❺ DISPENSER LIGHT INDICATOR
When the LIGHT button is pressed, the display will indicate the selected function: The dispenser light is on, this indicator will appear on the display panel.

❻ DOOR ALARM INDICATOR
This indicator shows that the door-open warning alarm is activated.

❼ WATER FILTER STATUS
This indicator shows the current status for the water filter. See Resetting the Filter Indicator.

❽ LOCK STATUS
This indicator shows the current status for the control panel functions is set to LOCK.

ADJUSTING THE TEMPERATURES AND DISPLAY

Adjust Freezer Temperature

To adjust the temperature in the freezer compartment, press the FREEZER button to cycle through the the range of available settings.



Adjust Refrigerator Temperature

To adjust the temperature in the refrigerator compartment, press the REFRIGERATOR button to cycle through the range of available settings.



NOTE: The actual inner temperature varies depending on the food status, since the indicated temperature setting is the target temperature and not the actual temperature within the refrigerator. Initially set the REFRIGERATOR CONTROL at 3 degrees C and the FREEZER CONTROL at -18 degrees C. Leave them at these setting for 24 hours (one day) to stabilize. Then adjust the compartment temperature as illustrated above.

Display Power-Saving Mode

This function places the display into the Power-Saving Mode.



- Simultaneously press the FREEZER and EXPRESS FRZ. buttons and hold them for 5 seconds until a tone sounds.
- All LED lights will turn on and then off.
- When the Power-Saving Mode is activated, the display will remain off until the next time the door is opened. The display will also turn on when any button is pressed, and it will remain on for 20 seconds after the last door opening or button selection.
- To deactivate the Power-Saving Mode, press the FREEZER and EXPRESS FRZ. buttons simultaneously and hold them for 5 seconds until the tone sounds.

OPERATING THE DISPENSER

Dispensing Crushed Ice





Press the ICE TYPE button to illuminate the Crushed Ice icon.

Press the push ice switch with a glass or other container and crushed ice will be dispensed.

Dispensing Cubed Ice





Press the ICE TYPE button to illuminate the Cubed Ice icon.

Press the push switch with a glass or other container and cubed ice will be dispensed.

NOTE: Hold the glass or other container in place for a couple of seconds after dispensing ice or water to catch the last few cubes or drops. The dispenser is designed to not operate while either refrigerator door is open.

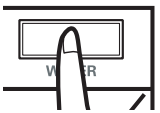
Dispensing Water



Press the push water switch or active water button with a glass or other container and chilled water will be dispensed.

When the water switch or active water switch is pressed, the light will be illuminated.

NOTE: When operating the Water Button, it does not work when you press both ends and not the center. It only works when you press the center of the button.

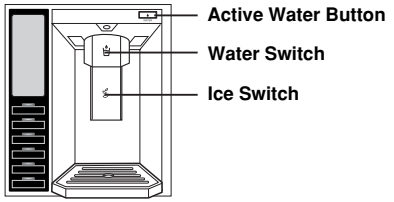


Controlling The Dispenser Light



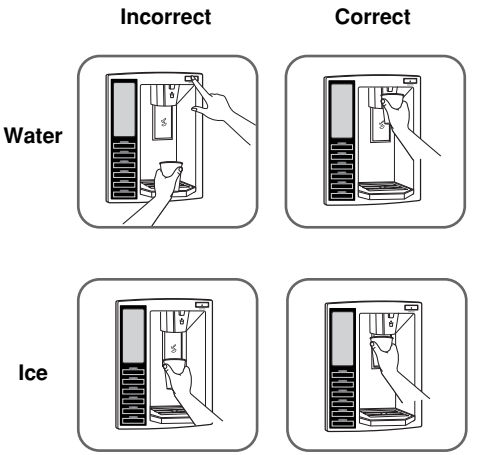
Press the LIGHT/FILTER button to turn the dispenser light on and off.





⚠ CAUTION

- When filling the container with a small opening, use it near the opening of the water or ice dispenser as close as possible.
- Do not dispense ice into fine china or crystal glasses. China or crystal can break.



SETTING THE FUNCTIONS

Press the button for the desired function to view and select other settings.

Setting The Dispenser Lock





Press and hold the ALARM/LOCK button for three seconds to lock the dispenser and all of the other control panel functions.

Press and hold again for 3 seconds to unlock.

Setting The Door Alarm





The ALARM/LOCK button also controls the door alarm that sounds three times in 30-second intervals when a compartment door is left open for more than 60 seconds.The alarm stops sounding when the door is closed.
Press the ALARM/LOCK button once to activate and deactivate the door alarm function.

NOTE: Contact your local service center if the alarm continues to sound after the doors are closed.

Resetting The Filter Indicator





Press and hold the LIGHT/FILTER button for more than 3 seconds to reset the filter indicator after the water filter has been replaced.

NOTE: It is recommended that you replace the filter when the water filter indicator light reaches 0 or whenever the water or ice cube taste deteriorates noticeably.

Activating Express Freezing





Press the EXPRESS FRZ. button once to activate the EXPRESS FREEZING function.
The EXPRESS FRZ. icon on the display panel will illuminate when activated.

The EXPRESS FREEZING function runs the freezer compartment at the coldest setting for a 24-hour period to increase icemaking by up to about 20%, and then turns off automatically.

NOTE: Press the button again to cancel the EXPRESS FREEZING function.

IN-DOOR ICE BIN

⚠ CAUTION

- Keep hands and tools out of the ice bin door and dispenser chute. You could break something or injure yourself.

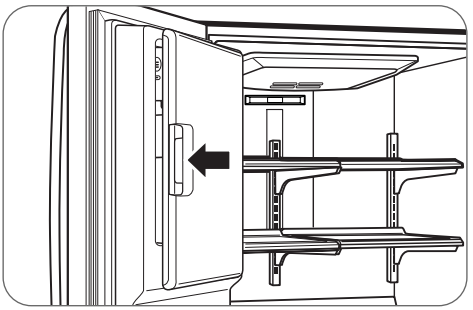
The icemaker will stop producing ice when the ice bin is full. If you need more ice, empty the ice bin into the extra ice bin in the freezer compartment so the icemaker can keep producing ice. Shake the ice bin occasionally to level the ice in it. Sometimes the ice piles up near the icemaker, causing the icemaker to misread the amount of ice cubes and stop producing ice.

NOTE: Storing cans or other items in the ice bin may damage the icemaker.

Keep the ice bin door closed tightly. If the ice bin 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 not produce ice.

NOTE: If the On/Off switch on the icemaker is set to Off for an extended 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.

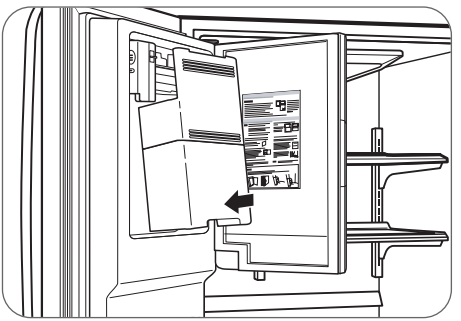
1. Push on the latch firmly where noted to close the ice bin door; it will make a clicking sound when it is closed completely.



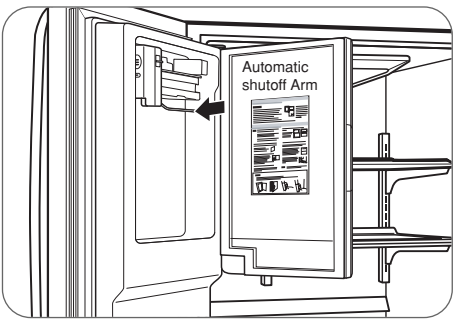
2. To remove the in-door ice bin, grip the front handle, slightly lift the lower part, and slowly pull out the bin as shown.



3. To reinstall the in-door ice bin, slightly slant the bin during replacement to avoid contact with the icemaker.



4. Avoid touching the automatic shutoff arm when replacing the ice bin. See the label on the ice bin door for details.



ADJUSTING CONTROL SETTINGS

Give the refrigerator time to cool down completely before making final adjustments. It is best to wait 24 hours before doing this. The mid-settings indicated in the previous section should be correct for normal household refrigerator usage. The controls are set correctly when milk or juice is as cold as you like and when ice cream is firm.

The refrigerator control functions as the thermostat for the entire appliance (refrigerator and freezer sections). The higher the number setting, the longer the compressor will run to keep the temperature colder. The freezer control adjusts the cold air flow from the freezer to the refrigerator. Setting the freezer control to a lower temperature keeps more cold air in the Freezer compartment to make it colder.

If you need to adjust temperatures in the refrigerator or freezer, start by adjusting the refrigerator. Then wait 24 hours before checking the freezer temperature. If it is too warm or too cold, then adjust the freezer control.

Use the settings listed in the chart below as a guide. **Always remember to wait at least 24 hours between adjustments.**

CONDITION/ REASON:	RECOMMENDED ADJUSTMENT:
■ REFRIGERATOR section too warm – Door opened often – Large amount of food added – Room temperature very warm	Set REFRIGERATOR control to next lower number, wait 24 hours, then re-check
■ FREEZER section too warm/ice not made fast enough – Door opened often – Large amount of food added – Very cold room temperature (can't cycle often enough) – Heavy ice usage – Air vents blocked by items	Set FREEZER control to next lower number, wait 24 hours, then re-check Move items out of airstream
■ REFRIGERATOR section too cold – Controls not set correctly for your conditions	Set REFRIGERATOR control to next higher number, wait 24 hours, then re-check
■ FREEZER section too cold – Controls not set correctly for your conditions	Set FREEZER control to next higher number, wait 24 hours, then re-check

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, not on door shelf.
Eggs	► Store in original carton or Utility Bin on interior shelf, not on door shelf.
Fruit	► Wash, let dry, and store in refrigerator in plastic bags or in the crisper. Do not wash or hull berries until you are ready to use them. Sort and keep berries in their original container in a crisper, or store in a sloosely 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	► Use fresh fish and shellfish the same day purchased.
Leftovers	► Cover leftovers with plastic wrap or aluminum foil. Plastic containers with tight lids can also be used.

STORING FROZEN FOOD

NOTE: For further information about preparing food for freezing or food storage times, check a freezer guide or a reliable cookbook.

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 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 be break if it freezes.

Freezing

Your freezer will not quick-freeze any large quantity of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours. 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 (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.

REFRIGERATOR SECTION

REFRIGERATOR SHELVES

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

Storing similar food items together in your refrigerator and adjusting the shelves to fit different heights of items will make finding the exact item you want easier; it will also reduce the amount of time the refrigerator door is open, saving energy.

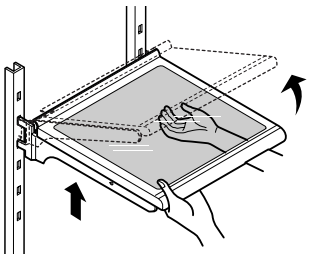
IMPORTANT: Do not clean glass shelves with warm water when they are cold. Shelves may break if exposed to sudden temperature changes or impact, such as bumping. For your protection, glass shelves are made with tempered glass, which will shatter into small pebble-sized pieces.

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

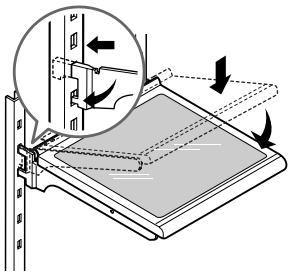
Adjusting Shelves

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. Lift up the back and pull out the shelf.

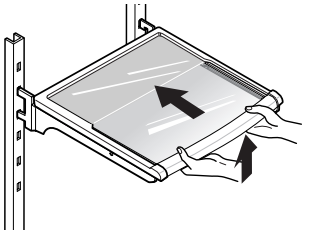


- **To reinstall a shelf**—Tilt up the front of the shelf and guide the shelf hooks into the slots at a desired height. Then lower the front of the shelf so that the hooks drop into the slots.



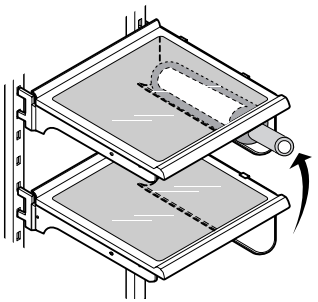
⚠ **CAUTION :** Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilling food.

- **Folding a shelf**—You can store taller items such as a gallon container or bottles by simply pushing the front half of shelf underneath back half of shelf.
  Pull toward you to returm to a full shelf.

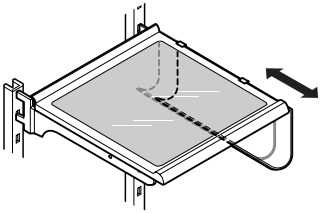


BOTTLE HOLDER

Bottles can be stored laterally with this wine holder. It can be attached to any shelf.



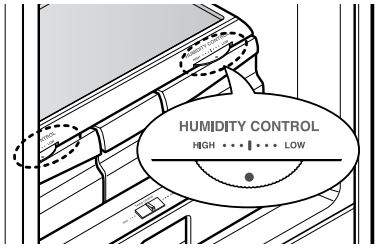
Wine holder can be removed by pulling it straight out and installed by placing it at the end of the shelf you want and pushing it inward.



CRISPER HUMIDITY CONTROL

You can control the amount of humidity in the moisture-sealed crispers. Store vegetables or fruits requiring more or less humidity in separate crispers. Adjust the control to any setting between **HIGH** and **LOW.**

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



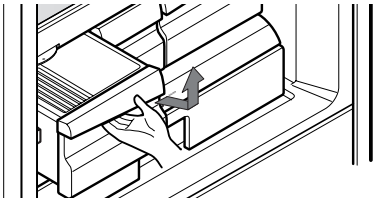
⚠ **CAUTION :** The glass shelf over the crisper is not firmly secured. Be careful when tilting.

REMOVING CRISPER

1. To remove, pull the drawer out to full extension.

2. Lift the front of the crisper up, then pull it straight out.

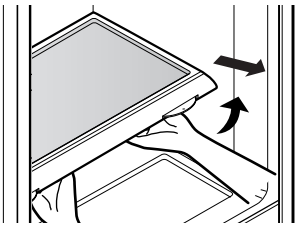
3. To install, slightly tilt up the front and insert the drawer into the frame and push it back into place.



To remove the glass

1. Lift up the glass under the crisper cover.

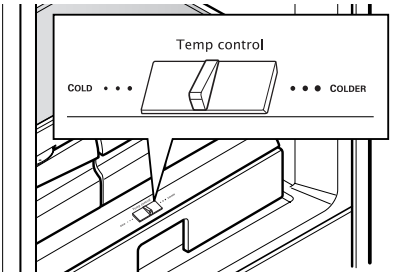
2. Pull the glass up and out.



GLIDE'N'SERVE

The **Glide'N'Serve** provides storage space with a variable temperature control that keeps the compartment colder than refrigerator.

This drawer can be used for large party trays, deli items, or beverages. (but this drawer can't be used for vegetable.)

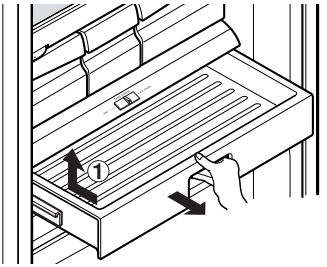


Controls

The control regulates the air temperature in the drawer. Set control level to COLD (print on surface) to provide normal refrigerator temperature. Use the COLDER (print on surface) setting for meats or other deli items.

NOTE: Cold air directed to the Glide'N'Serve can decrease refrigerator temperature. Refrigerator control may need to be adjusted.

To replace Glide'N'Serve



1. To remove, pull the drawer out to full extension.

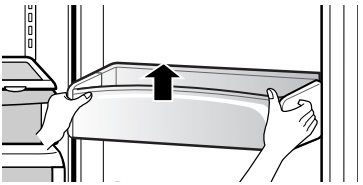
2. Lift the front of the drawer up, then pull it straight out.

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

MODULAR DOOR BIN

The door bins are removable for easy cleaning and adjusting.

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 button and push down until it stops.



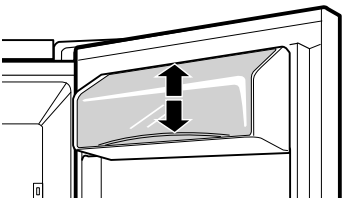
⚠ **WARNING :** Somebody can be hurt if door bins are not firmly assembled.

⚠ **NOTE :** DO NOT adjust a bin that is loaded with food.

⚠ **CAUTION :** DO NOT allow children to play with baskets. Sharp corners on baskets could cause injury.

DAIRY BIN

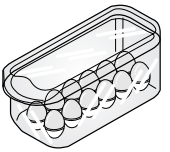
1. **To remove the dairy bin,** simply lift it and pull straight out.
2. **To replace the dairy bin,** slide it in above the desired location and push down until it stops.



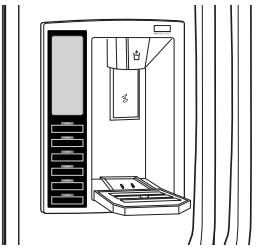
UTILITY BIN

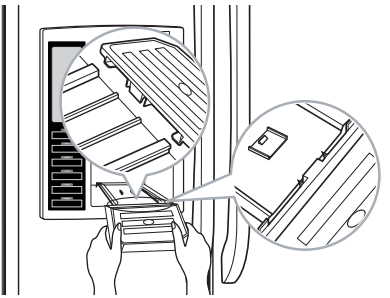
Store the utility bin on interior shelf, not on door shelf.

⚠ **CAUTION :** Do not use the utility bin as an ice storage bin in the freezer compartment. The utility bin can easily break if it freezes.



DISPENSER DRIP TRAY





The dispenser drip tray has no self-draining function. It should be cleaned regularly. Remove the cover by pressing and pulling the tray. Dry it with a cloth. To reinstall the tray, slightly tilt the front of the tray and snap the ribs into the holes.

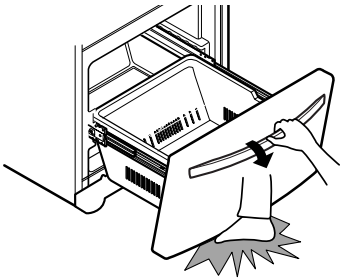
FREEZER SECTION

TILTING DOOR

The tilting door provides easy access for stored foods.

How to use:

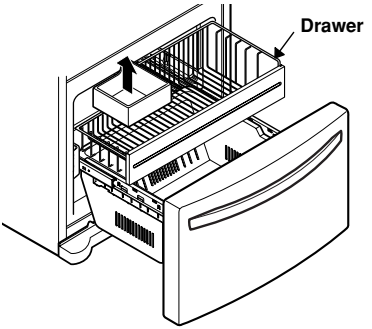
Tilt the door down and pull it out.



⚠ **WARNING:** Be careful when you open tilting door so that you do not injure your foot!

ICE BIN

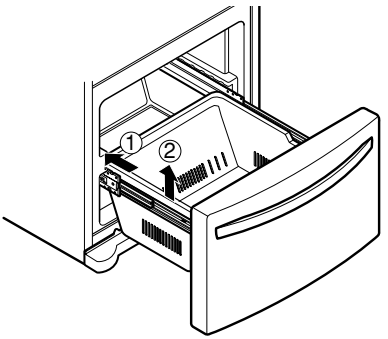
To separate the ice bin, pull out the drawer to full extension. Gently lift and pull out the ice bin. To reinstall, simply set the ice bin in its correct position.



DURABASE

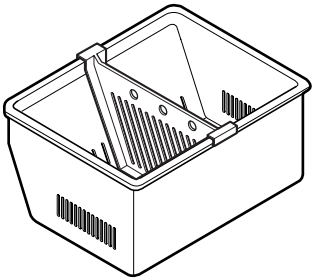
1. To remove the Durabase, push it back to the end as much as possible. Tilt up the front of the Durabase and pull straight out.

2. To install, insert the Durabase in rail assembly.



DURABASE DIVIDER

The Durabase divider allows you to organize the Durabase area into sections.



1. To remove, pull divider staight up.

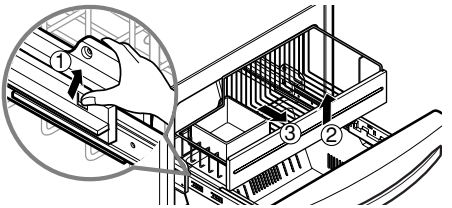
2. To install, hook top corners of divider over top edge of durabase.

⚠ **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 them to play inside of drawer.

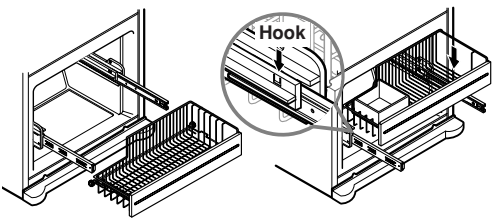
PULL OUT DRAWER

To separate the drawer, push the front left and right hooks in ① direction to pull up and remove.

Then gently lift the gear part of rear left and right side of the drawer and pull it out in ③ direction.



To install, reposition the gear part of rear left and right side of the drawer after pulling out both rails as much as possible, and gently push down both left and right side while checking the hook on the front part.



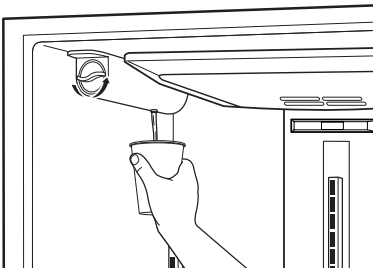
FILTER

It is recommended that you replace the filter when the water filter indicator reaches **0** or the water dispenser or icemaker noticeably decreases production.

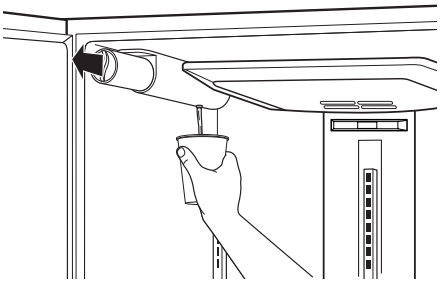
Remove the old cartridge.

1. Rotate the knob of the old cartridge counterclockwise. When the cartridge is released, you will feel it click out of place.

NOTE: Replacing the filter causes a small amount of water (around 1 oz. or 25 cc) to drain. Place a cup under the filter hole to contain it.



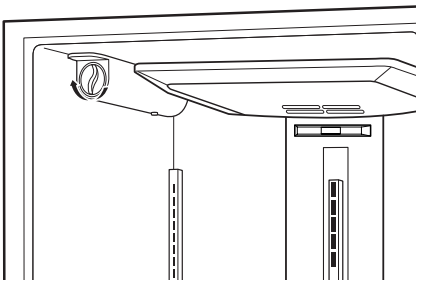
2. Remove the old cartridge. Take the new cartridge out of its packaging, and remove the protective cover from the o-rings. Hold the cartridge handle in its vertical position, and firmly push the new filter cartridge into place until it stops.



Replace with a new cartridge.

1. Use the handle to twist the cartridge clockwise about one turn, until the handle is in a horizontal position. You will feel the filter click into place.

NOTE: If the filter will not turn from side to side, it isn't fully inserted.



After replacing the filter, dispense for 2 minutes from the water dispenser to purge the water system. Check the filter for leaks.



When the water filter indicator displays the message **0 Filter Month, Hold 3 Seconds**, reset the water filter status display and indicator light by pressing and holding the LIGHT/FILTER button for more than 3 seconds.

To purchase replacement water filter cartridges, visit your local appliance dealer or parts distributor.

CARE AND CLEANING

⚠ WARNING



Explosion Hazard

Use non-flammable cleaner.

Failure to do so can result in death, explosion, or fire.

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.

OUTSIDE

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 cloth won't 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 baking soda to 1 quart of water (26 g soda to 1 liter water.) Be sure the baking soda is completely dissolved so does it not scratch the surfaces of the refrigerator.

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

DOOR LINERS AND GASKETS

Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

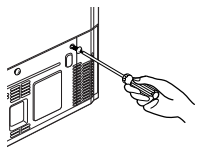
PLASTIC PARTS (covers and panels)

Do not use window sprays, abrasive cleansers, or flammable fluids. These can scratch or damage the material.

CONDENSER COILS

Remove Back cover.

Use a vacuum cleaner with an extended attachment to clean condenser coils.Vacuum coils when dusty or dirty.Coils may need to be cleaned as often as every other month.



CARE AND CLEANING

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:

a) 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. 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 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. Depending on your model, turn the thermostat control (refrigerator control) to OFF. See the **Setting the Controls** section.

3. Unplug the refrigerator.

4. Clean, wipe and dry thoroughly.

5. Take out all removable parts, wrap them well and tape them together so they don't shift and rattle during the move. Refer to sections in Using your Refrigerator for removal instructions.

6. Depending on the model, raise the front of the refrigerator so it rolls more easily OR screw in the leveling legs all the way so they don't scrape the floor. See the **Door Closing** section.

7. 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 **Installing Your Refrigerator** section for preparation instructions.

ABOUT THE AUTOMATIC ICEMAKER

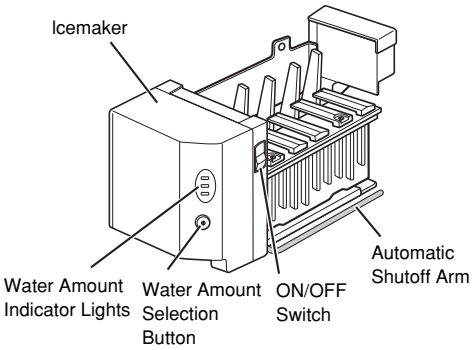
⚠ WARNING

Personal Injury Hazard

Avoid contact with the moving parts of the ejector mechanism, or with the heating element that releases the cubes. DO NOT place fingers or hands on the automatic icemaking mechanism while the refrigerator is plugged in.

OPERATION INSTRUCTIONS

A newly-installed refrigerator may take 12 to 24 hours to begin making ice.



The icemaker will produce six cubes per cycle—approximately 100–130 cubes in a 24- hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.

If the refrigerator is used before the water connection is made to the icemaker, set the power switch to **O (off)**.

When the refrigerator has been connected to the water supply, set the power switch to **I (on)**.

The icemaker will fill with water when it cools to freezing. A newly-installed refrigerator may take 12 to 24 hours to begin making ice cubes.

Throw away the first few batches of ice to allow the water line to clear.

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 several cubes to be stuck together.

If ice is not used frequently, old ice cubes will become cloudy, taste stale, and shrink.

NOTE: If the cube size is smaller or larger than you expected, you can regulate the size with the cube size button.

Every time you press the cube size button, the indicator moves up on light. The higher the light position, the larger the cubes will be. Pressing at highest position returns indicator to lowest position.

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

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

NORMAL SOUNDS YOU MAY HEAR

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

  NOTE: Keeping the power switch in the **I (on)** 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 **O (off)** and shut off the water supply to the refrigerator.

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

CONNECTING THE WATER LINE

BEFORE YOU BEGIN

This water line installation is not warranted by the refrigerator or icemaker manufacturer. Follow these instructions carefully to minimize the risk of expensive water damage.

Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and lead to water leakage or flooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

To prevent burns and product damage, do not hook up the water line to the hot water line.

If you use your refrigerator before connecting the water line, make sure the icemaker power switch is in the **O (off)** position.

Do not install the icemaker tubing in areas where temperatures fall below freezing.

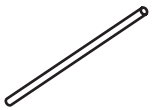
When using any electrical device (such as a power drill) during installation, be sure the device is double- insulated or grounded in a manner to prevent the hazard of electric shock, or is battery-powered.

All installations must be in accordance with local plumbing code requirements.

NOTE: Wear eye protection.
For installation, hose set will be provided with the refrigerator. When reinstalling, the hose must be discarded and replaced with a new one.

WHAT YOU WILL NEED

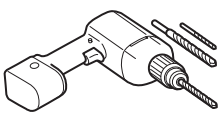
- **Copper Tubing,** 1/4″ outer diameter to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square.



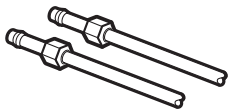
To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe.

Then add 8 feet (2.4 m). Be sure there is sufficient extra tubing (about 8 feet [2.4 m] coiled into 3 turns of about 10″ [25 cm] diameter) to allow the refrigerator to move out from the wall after installation.

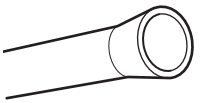
- **A cold water supply.** The water pressure must be between 147-834 kPa on models without a water filter and between 280-834 kPa on models with a water filter.
- **Power drill.**
- **1/2″ or adjustable wrench.**
- **Straight- and Phillips-blade screwdriver.**



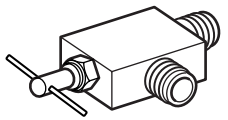
- **Two 1/4″ outer diameter compression nuts and 2 ferrules (sleeves)** to connect the copper tubing to the shutoff valve and the refrigerator water valve.



- If your existing copper water line has a flared fitting at the end, you will need an **adapter** (available at plumbing supply stores) to connect the water line to the refrigerator OR you can cut off the flared fitting with a tube cutter and then use a compression fitting.



- **Shutoff valve to connect to the cold water line.** The shutoff valve should have a water inlet with a minimum inside diameter of 5/32″ at the point of connection to the COLD WATER LINE. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.



INSTALLATION INSTRUCTIONS

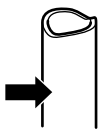
Install the shutoff valve on the nearest frequently used drinking water line.

1. SHUT OFF THE MAIN WATER SUPPLY

Turn on the nearest faucet to relieve the pressure on the line.

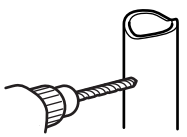
2. CHOOSE THE VALVE LOCATION

Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.



3. DRILL THE HOLE FOR THE VALVE

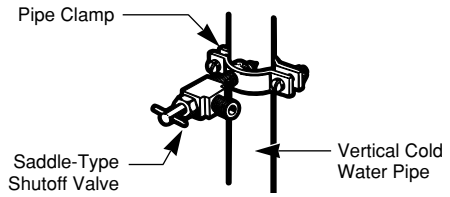
Drill a 1/4″ hole in the water pipe (even if using a self-piercing valve) using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe. Take care not to allow water to drain into the drill. Failure to drill a 1/4″ hole may result in reduced ice production or smaller cubes.



INSTALLATION INSTRUCTIONS (CONTINUED)

4. FASTEN THE SHUTOFF VALVE

Fasten the shutoff valve to the cold water pipe with the pipe clamp.

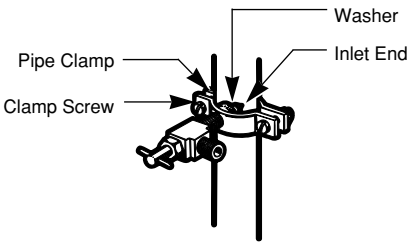


NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

5. TIGHTEN THE PIPE CLAMP

Tighten the clamp screws until the sealing washer begins to swell.

NOTE: Do not overtighten or you may crush the tubing.



6. ROUTE THE TUBING

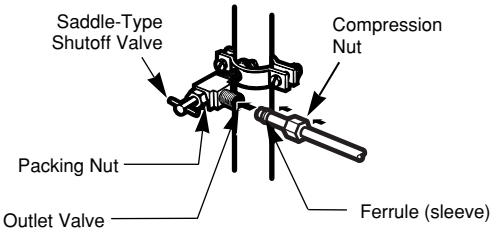
Route the tubing between the cold water line and the refrigerator.

Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible.

NOTE: Be sure there is sufficient extra tubing (about 8 feet coiled into 3 turns of about 10″ diameter) to allow the refrigerator to move out from the wall after installation.

7. CONNECT THE TUBING TO THE VALVE

Place the compression nut and ferrule (sleeve) for copper tubing onto the end of the tubing and connect it to the shutoff valve. Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.

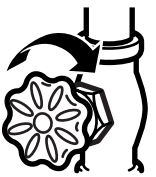


NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

8. FLUSH OUT THE TUBING

Turn the main water supply on and flush out the tubing until the water is clear.

Shut the water off at the water valve after about one quart of water has been flushed through the tubing.



CONNECTING THE WATER LINE

9. CONNECT THE TUBING TO THE REFRIGERATOR

Removing and Replacing Valve Cover

NOTE:

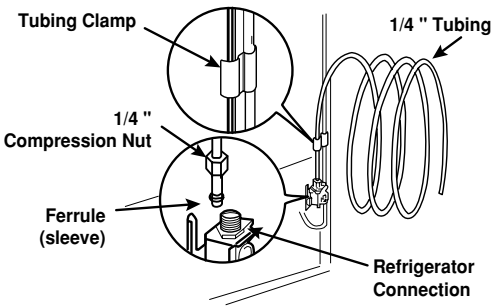
- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.

1. Remove the plastic flexible cap from the water valve.

2. Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown.

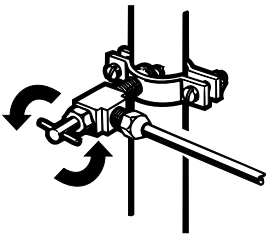
3. Insert the end of the copper tubing into the connection as far as possible. While holding the tubing, tighten the fitting.

⚠ **CAUTION:** Check to see if leaks occurs at water line connections.



10. TURN THE WATER ON AT THE SHUTOFF VALVE

Tighten any connections that leak. Reattach the compressor compartment access cover.



11. PLUG IN THE REFRIGERATOR

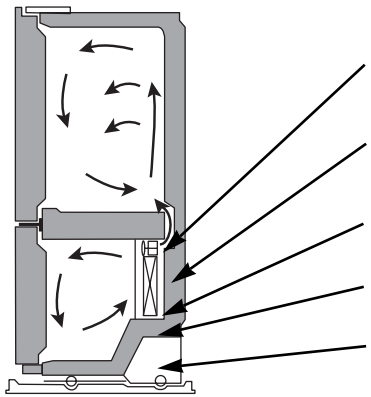
Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.

12. START THE ICEMAKER

Set the icemaker power switch to the **ON** position. The icemaker will not begin to operate until it reaches its operating temperature of –9°C or below. It will then begin operation automatically if the icemaker power switch is in the **I (on)** position.

UNDERSTANDING SOUNDS YOU MAY HEAR

Your new refrigerator may make sounds that your old one didn't make. Because the sounds are new to you, you might be concerned about them. Most of the new sounds are normal. Hard surfaces, like the floor, walls and cabinets, can make the sounds seem louder than they actually are. The following describes the kinds of sounds and what may be making them.



- The defrost timer will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control, depending on the model) will also click when cycling on and off.
- Rattling noises may come from the flow of refrigerant, the water line, or items stored on top of the refrigerator.
- Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature. The high efficiency compressor may cause your new refrigerator to run longer than your old one, and you may hear a pulsating or high-pitched sound.
- You may hear the evaporator fan motor circulating the air through the refrigerator and freezer compartments.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your refrigerator.
- Contraction and expansion of the inside walls may cause a popping noise.
- Water dripping on the defrost heater during a defrost cycle may cause a sizzling sound.
- You may hear air being forced over the condenser by the condenser fan.
- You may hear water running into the drain pan during the defrost cycle.

	Check if…	Then…
REFRIGERATOR DOES NOT OPERATE	The power supply cord is unplugged.	► Firmly plug the cord into a live outlet with proper voltage.
	A household fuse has blown or circuit breaker tripped.	► Replace the fuse or reset the circuit breaker.
	The refrigerator control is set to the OFF position.	► Refer to the **Setting the Controls** section on page 20.
	Refrigerator is in the defrost cycle.	► Wait about 30 minutes for defrost cycle to end.
VIBRATION OR RATTLING NOISE	The refrigerator is not resting solidly on the floor.	► Floor is weak or uneven or leveling legs need adjusting. See **Installation** section on page 12.

TROUBLESHOOTING GUIDE

	Check if…	Then…
COMPRESSOR MOTOR SEEMS TO RUN TOO MUCH	The refrigerator that was replaced was an older model.	► Modern refrigerators with more storage space require more operating time.
	The room temperature is hotter than normal.	► The motor will run longer under warm conditions. At normal room temperatures, expect your motor to run about 40% to 80% of the time. Under warmer conditions, expect it to run even more often.
	The door is opened often or a large amount of food has just been added.	► Adding food and opening the door warms the refrigerator. It is normal for the refrigerator to run longer in order to cool the refrigerator back down. Adding a large amount of food warms the refrigerator. See the **Food Storage Guide** section on page 25. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find and close the door as soon as the food is removed.
	The refrigerator was recently plugged in and the refrigerator control was set correctly.	► The refrigerator will take up to 24 hours to cool completely.
	The refrigerator control is not set correctly for the surrounding conditions.	► See the **Adjusting Control Settings** section on page 25.
	The doors are not closed completely.	► Push the doors firmly shut. If they will not shut all the way, see **Doors will not close completely** below.
	The condenser coils are dirty.	► This prevents air transfer and makes the motor work harder. Clean the condenser coils. Refer to the **Care and Cleaning** section on pages 33–34.
DOORS WILL NOT CLOSE COMPLETELY	The refrigerator is not level.	► See **Leveling and Door Alignment** on page 19.
	Food packages are blocking the door open.	► Rearrange food containers to clear door and door shelves.
	The ice bin, crisper cover, pans, shelves, door bins or baskets are out of position.	► Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the **Using Your Refrigerator** section on pages 20–32.
	The gaskets are sticking.	► Clean gaskets and the surface that they touch. Rub a thin coat of paraffin wax on the gaskets after cleaning.
	The refrigerator wobbles or seems unstable.	► Level the refrigerator. Refer to the **Leveling and Door Alignment** section on page 19.
	The doors were removed during product installation and not properly replaced.	► Remove and replace the doors according to the **Removing and Replacing Refrigerator handles and doors** section on pages 13–16, or call a qualified service technician.
FROST OR ICE CRYSTALS ON FROZEN FOOD	The door is not closing properly.	► See **Doors will not close completely** above.
	The door is opened often.	► When the door is opened, warm, humid air is allowed in the freezer, resulting in frost.

TROUBLESHOOTING GUIDE

	Check if…	Then…
ICE HAS OFF-TASTE OR ODOR	The icemaker was recently installed.	► Discard first few batches of ice to avoid discolored or off-flavored ice.
	The ice has been stored for too long.	► Throw away old ice and make new supply.
	The food has not been wrapped tightly in either compartment.	► Rewrap foods since odors may migrate to the ice if food is not wrapped properly.
	The water supply contains minerals such as sulfur.	► A filter may need to be installed (or replaced) to eliminate taste and odor problems.
	The interior of refrigerator needs cleaning.	► See **Care and Cleaning** section on pages 33–34.
	Ice storage bin needs cleaning.	► Empty and wash bin. Discard old cubes.
THERE IS WATER IN THE DEFROST DRAIN PAN	The refrigerator is defrosting.	► The water will evaporate. It is normal for water to drip into the defrost pan.
	It is more humid than normal.	► Expect that the water in the defrost pan will take longer to evaporate. This is normal when it is hot or humid.
THE REFRIGERATOR SEEMS TO MAKE TOO MUCH NOISE	The sounds may be normal for your refrigerator.	► Refer to the **Understanding Sounds You May Hear** section on page 39.
THE ICEMAKER IS NOT PRODUCING ICE OR ICE CUBES ARE FREEZING TOO SLOWLY	The freezer temperature is cold enough to produce ice.	► Wait 24 hours after hook-up for ice production. See the **Setting the Controls** section on page 20.
	Door left open.	► Check to see if something is holding the door open.
CUBES PRODUCED BY ICEMAKER ARE TOO SMALL	Smaller cube size level is selected.	► Select larger cube size using cube size selector.
	Water shutoff valve connecting refrigerator to water line may be clogged.	► Call a plumber to clear the valve.
THE DOORS ARE DIFFICULT TO OPEN	The gaskets are dirty or sticky.	► Clean gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	The door is reopened within a short time after having been opened.	► When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait 5 minutes to allow the air pressure to equalize, then see if it opens more easily.

TROUBLESHOOTING GUIDE

	Check if…	Then…
TEMPERATURE IS TOO WARM OR THERE IS INTERIOR MOISTURE BUILDUP	The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections.	► Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Refer to **Multi-Flow** on page 20 for the location of air vents.
	The doors are opened often.	► When the door is opened, warm humid air is allowed into the refrigerator. The more the door is opened, the faster the humidity builds up, and the more warm air the refrigerator must cool. In order to keep the refrigerator cool, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find and close the door as soon as the food is removed.
	The control is not set correctly for the surrounding conditions.	► Refer to the **Setting the Controls** section on page 20. Wait 24 hours for temperatures to stabilize or even out. If the temperature is too cold or too warm, move the dial one number at a time.
	A large amount of food has just been added to the refrigerator or freezer.	► Adding food warms the refrigerator. It can take a few hours for the refrigerator to return to normal temperature.
	The food is not packaged correctly.	► Wrap food tightly and wipe off damp containers prior to storing in the refrigerator to avoid moisture accumulation. If necessary, repackage food according to the guidelines in the **Food Storage Guide** section on page 25.
	The doors are not closing completely.	► See **Doors will not close completely** on page 40.
	The weather is humid.	► In humid weather, air carries moisture into refrigerator when doors are opened.
	A self-defrost cycle was completed.	► It is normal for droplets to form on the back wall after the refrigerator self-defrosts.

MEMO



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