



ENGLISH

ESPAÑOL

FRANÇAIS

OWNER'S MANUAL

BOTTOM FREEZER

REFRIGERATOR

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

Model Name **=color number, número de color, numéro de couleur

LFX23961**

LFX23965**

Visit our web site <http://www.lgservice.com>

LG Electronics

LIMITED WARRANTY United States of America

LG Electronics will repair or at its option replace, without charge, your product which proves to be defective in material or workmanship under normal use during the warranty period listed below from the date of original purchase.

This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S. including Alaska, Hawaii, and U.S. Territories.

LG Refrigerator / Freezer Warranty Period

Product	Parts	Labor
Refrigerator / Freezer	1 year	1 year [In-Home Service (Except Model GR-051)]
Sealed System (Compressor, Condenser, Evaporator)	7 years	1 year [In-Home Service (Except Model GR-051)]

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY APPLICABLE TO THIS PRODUCT.

Some States do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

THE ABOVE WARRANTY DOES NOT APPLY TO:

1. Service trips to your home to deliver and pickup, install, instruct, or replace house fuses or correct house wiring or plumbing, or correction of unauthorized repairs.
2. Damage to the product caused by accident, pests, fire, floods, or acts of God.
3. Repairs when your LG product is used in other than normal, single-family household use.
4. Damage resulting from accident, alteration, misuse, abuse, or improper installation.
5. Damages caused during and/or after delivery.
6. Display, discount, or refurbished units purchased with scratches, dents, or defects.

Proof of purchase is required and must be provided to LG in order to validate warranty.

Therefore, these costs are paid by the consumer.

If the product is installed outside the normal service area, any cost of transportation involved in the repair of the product, or the replacement of defective parts, shall be borne by the owner.

CUSTOMER ASSISTANCE NUMBERS:

To obtain Warranty Coverage:

Retain your Bill of Sale to prove date of purchase.

A Copy of your Sales Receipt must be submitted at the time warranty service is provided.

To obtain Product or Customer

Call 1-800-243-0000

(24 hrs a day, 7 days per week, 365 days per year)

Service Assistance:

Press the appropriate menu option, and have your product type (Refrigerator), model number, serial number, and ZIP/Postal Code ready.

**To obtain the nearest
Authorized Service Center:**

Call 1-800-243-0000

(24 hrs a day, 7 days per week, 365 days per year)

Press the appropriate option, and have your product type (Refrigerator), model number, serial number, and ZIP/Postal Code ready.

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IMPORTANT SAFETY INSTRUCTIONS

SAFETY MESSAGES

This manual contains several important safety notices. Always **read** and **obey** all of the following safety messages.



This is the safety alert symbol. This symbol is a warning to potential dangers that could cause death, injury or damage to you, others or the product.

All safety messages will follow after this warning symbol and the word “DANGER”, “CAUTION” or “WARNING”. These words mean:



DANGER

You may be killed or suffer fatal damage if you do not follow instructions.



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor injury or damage to the product.

All safety messages inform you of potential danger, advise you on how to reduce the risk of injury and tell you what can occur if the instructions are not followed.



WARNING

To reduce the risk of fire, electrical shock or personal injury, the following precaution measures should be followed:

- NEVER disconnect the refrigerator by pulling the power cord, always grip the plug firmly and disconnect it directly from the outlet.
- Immediately repair or replace all faulty or damaged service cables. Do not use cords that have cracks or abrasion damage on the length of the cord or on the plug.
- When moving your refrigerator, take care not to roll over the electrical cord.
- DO NOT store or use gasoline or other combustible liquids or vapors in proximity with this or any other electrical appliance.
- DO NOT permit children to climb, stand or swing from the doors or shelves of the refrigerator. This can cause serious injury to them and damage to the product.
- Keep your fingers away from areas in which they can become caught, such as the doors, hinges and cabinets. Be careful closing the doors when children are near.
- Unplug the refrigerator before cleaning or repairing.
NOTE: We strongly recommend that any repair services be performed by a qualified professional.
- Before replacing a burned-out light bulb, unplug the refrigerator or shut down the circuit breaker to avoid contact with a live wire (the bulb could break while being replaced). **NOTE:** Setting the control to the OFF position does not disconnect the power from the light bulb circuit.
- Do not keep bottles in the freezer compartment, they could explode after freezing and cause damage.

- For your safety, this product should be properly grounded. Have a qualified professional check the electrical circuit and outlet to ensure a proper ground connection.
- Read all instructions before utilizing the product.
- Utilize this product only as explicitly expressed in this guide.
- Once the refrigerator is operating, avoid touching cold surfaces of the freezer with damp or wet hands; the skin could become adhered to these surfaces.
- In refrigerators with an automatic ice dispenser, avoid contact with moving parts of the ejector mechanism or with the heating mechanism that discharges the cubes. **DO NOT** place your fingers or hands in the ice dispenser mechanism while the refrigerator is connected.
- **DO NOT** refreeze foods which have already thawed. The Department of Agriculture of the United States, in your Bulletin of Home and Gardens No. 69 establishes that:
“...You can refreeze food that have thawed if they contain ice crystals or are cold and below 40 °F (4 °C)”.
“...Ground beef, perishable food or seafood that is discolored or has an unpleasant odor should not be frozen or consumed. Consumption of melted ice cream should also be avoided. If the odor or color of food is questionable, discard it. The food may be dangerous to consume”.
“Partial thawing or refreezing reduces the quality of the food, especially fruit, vegetables and prepared meals. The quality of red meat is less affected than that of other foods. Use refrozen products as soon as possible in order to maintain their quality”.

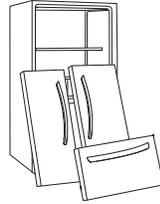
KEEP THESE INSTRUCTIONS

⚠ CAUTION

This appliance is not intended for use by children, persons with physical or mental disabilities, persons with reduced sensory or mental capacity, or persons that lack experience or know-how, unless they have supervision or instruction in relation to the use of the appliance by the person responsible for their safety. Children should be supervised to assure that they do not play with the appliance.

⚠ DANGER: CHILDREN MAY BECOME TRAPPED

Children becoming trapped or suffocated is not a problem of the past. Discarded and abandoned refrigerators are a hazard, even if they remain there “for just a few days”. If you would like to dispose of your old refrigerator, please follow the instructions below to prevent any accidents.



BEFORE DISPOSING YOUR REFRIGERATOR OR FREEZER WHEN NO LONGER IN USE:

- Remove the doors.
- Leave the shelves in place so that children cannot easily become stuck in them.

CFC DISPOSAL

Your old refrigerator may have a cooling system that uses CFC's (chlorofluorocarbons). CFC affects the stratospheric layer of the ozone.

If you decide to throw out your old refrigerator, ensure that CFC contaminants are properly disposed of by a qualified professional. If you intentionally remove the CFC refrigerant, you could be subject to fines or prison in accordance with environmental legislation in effect.

REQUIREMENTS FOR GROUND CONNECTION

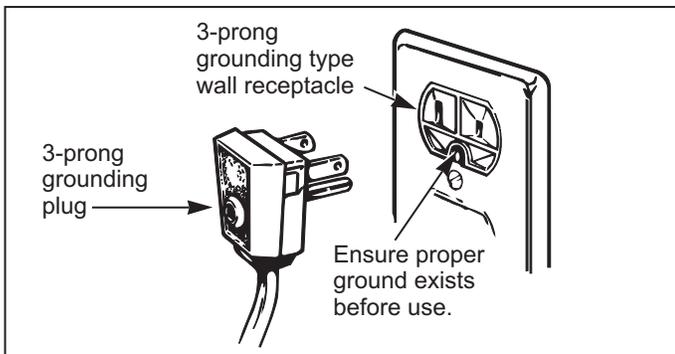
IMPORTANT: Attentively read the following.

TO CONNECT ELECTRICITY

⚠ WARNING

Electrical Shock Hazard

FOR YOUR PERSONAL SAFETY, this appliance must be properly grounded. Have a qualified electrician check your wall outlet to ensure that the plug is grounded properly.



RECOMMENDED GROUNDING METHOD

Your refrigerator must always be connection to its own outlet which is adequately grounded. The energy current should only be 115 V, 60 Hz, C.A. and fused at 15 or 20 A. This provides the best performance and prevents an overload which could cause a fire from the overheating of the cables. It is recommended that a separate circuit be used for this appliance, as well as a receptacle that cannot be disconnected with a switch. Do not use an extension cable.

It is your responsibility and obligation to replace two-prong outlets with that of an adequately grounded three-prong outlet. **Do not, under any circumstance, cut or extract the third prong from the plug.**

NOTE: Before installation, cleaning or replacing light bulbs, you must disconnect the appliance from the power source. When finished, plug the appliance back in and adjust the thermostat to the desired position.

USE OF EXTENSION CABLES

We do not recommend the use of extension cables. However, if you still choose to utilize an extension cable, it is absolutely necessary that it is listed in the UL (in the United States) or CSA (in Canada), that it supports three-pronged plugs and that the electrical current support a minimum of 15 A and 120 V.

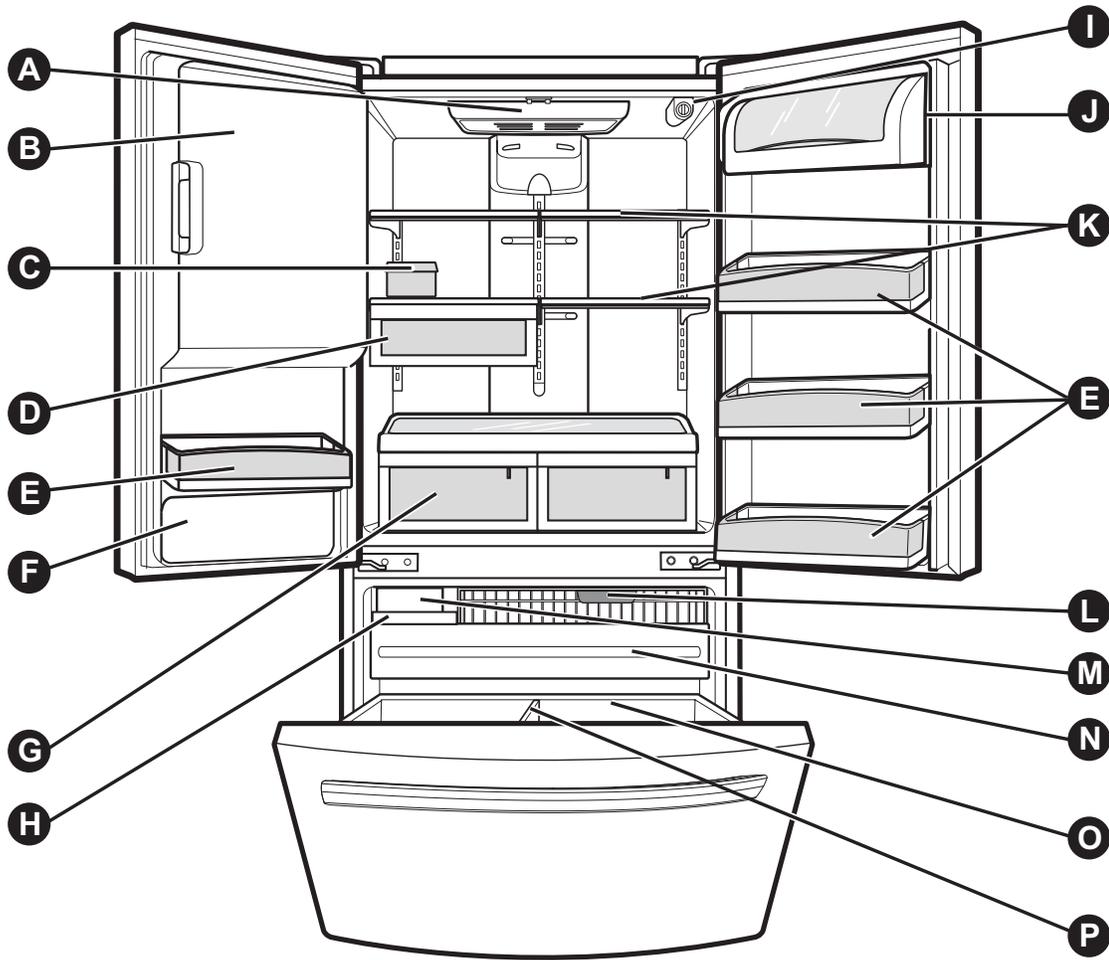
The use of an extension cable will increase the amount of space needed behind the refrigerator.

⚠ WARNING

REPLACING ELECTRICAL CABLE

If the power cord is damaged, it must be replaced by our service center or qualified LG technician to avoid any risk.

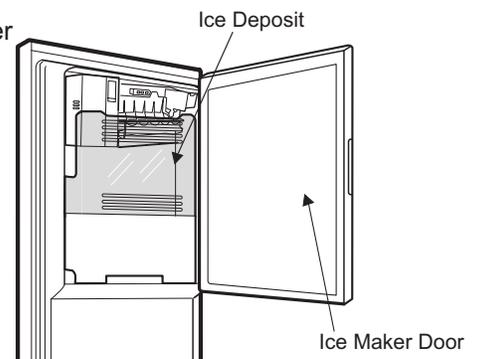
PARTS AND FEATURES



Read this section to familiarize yourself with the parts and features of your new refrigerator.

NOTE: This guide covers different models. Your refrigerator could have some or all of the features and parts listed below. The location of some of the parts may not correspond to that of your model.

- A** Refrigerator Light
- B** Ice Maker
- C** Egg Compartment
- D** Frozen Meat Compartment (Chef Fresh / Snack Pan)
- E** Door Racks
- F** Water Tank Lid
- G** Optibin Crisper
Keeps fruits and vegetable fresh and crisp
- H** Ice Bin
- I** Filter (Inside the Refrigerator)
- J** Dairy Compartment
- K** Shelves
- L** Freezer Light
- M** Turbo Motor
- N** Glide Out Drawer
- O** Durabase
- P** Durabase Divider



REFRIGERATOR INSTALLATION

WARNING

Excessive Weight Hazard

Use the assistance of two or more persons to move or install the refrigerator. Not following these instructions may cause injury to the back and other parts of the body.

UNPACKING

Before installing your refrigerator, remove any tape or temporary stickers. Do not remove any stickers that feature warnings, the model serial number or the technical label of the product located on the back of the refrigerator.

To remove adhesive tape residue, rub it well with your fingers and a little liquid detergent. Clean with warm water and let dry.

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

The shelves come already installed in their factory position. Remove the shelves and replace them according to your spacing needs.

Moving Your Refrigerator:

Your refrigerator is extremely heavy. Make sure you protect the floor when moving your refrigerator for cleaning or servicing. Always pull your refrigerator straight out when moving it. Do not shift from side to side or “walk” the refrigerator when attempting to move it as this can cause damage to the floor.

WARNING



Explosion Hazard

Keep all flammable materials and vapors (such as gasoline) away from the refrigerator. Not following these instructions may cause death, explosion or fire.

INSTALLATION

1. Avoid placing the unit near heat sources, direct sunlight, or humidity.
2. To avoid vibration, the unit should be leveled. If needed, adjust the leveling screws to compensate for an unlevel floor. The front should be slightly taller than the rear to ensure that the doors close properly. The leveling screws can easily be turned by slightly tilting the front of the refrigerator, turning the leveling screws clockwise () to raise it and counter-clockwise () to lower it.

3. Install the refrigerator in an area between 55 ° F (13 °C) and 110° F (43 °C). If the surrounding temperature is lower or higher than previously mentioned, it can adversely affect the unit.

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

ONCE INSTALLED

1. Carefully clean your refrigerator and remove and dust accumulated during shipping.
2. Install accessories such as the ice bin, door racks, shelves, etc., in their proper places. These are already packed to prevent any possible damage during shipping.
3. Leave your refrigerator on for 2 to 3 hours before storing food inside. Verify that there is a flow of cold air in the freezer compartment to ensure proper cooling. Your refrigerator is now ready for use.

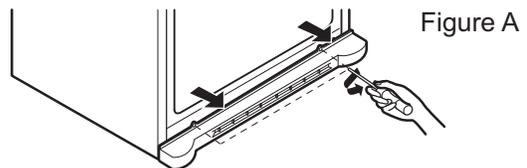
WARNING:

- Take care when working with the hinges, base cover and stops, etc. You may injure yourself.
- DO not place your hands or any tools in the air vents, the base cover or in the bottom of the refrigerator. This may cause injury or electrical shock.

INSTALLATION OF BASE GRILLE

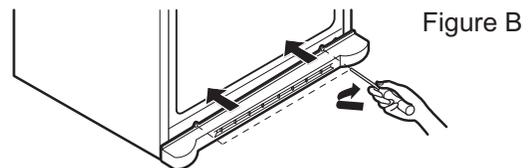
Uninstalling or Replacing the Base Grille

1. Remove the 2 screws from the bottom front part of your refrigerator (see Figure A).
2. Take off the cover.



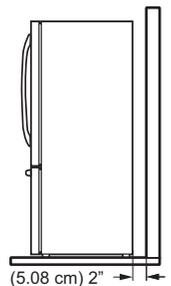
Installing the Base Grille

1. Align the bottom cover and place in position. Insert the 2 screws and twist in place (see Figure B).



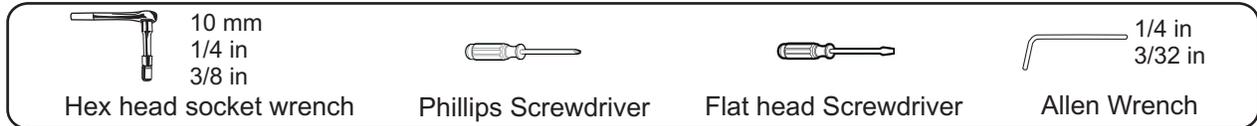
Keep a Proper Distance from Adjacent Objects

Please keep the refrigerator at an adequate distance from other objects. Insufficient spacing can reduce the refrigerator's freezing efficiency and increase electricity consumption.



REFRIGERATOR INSTALLATION

TOOLS YOU MAY NEED

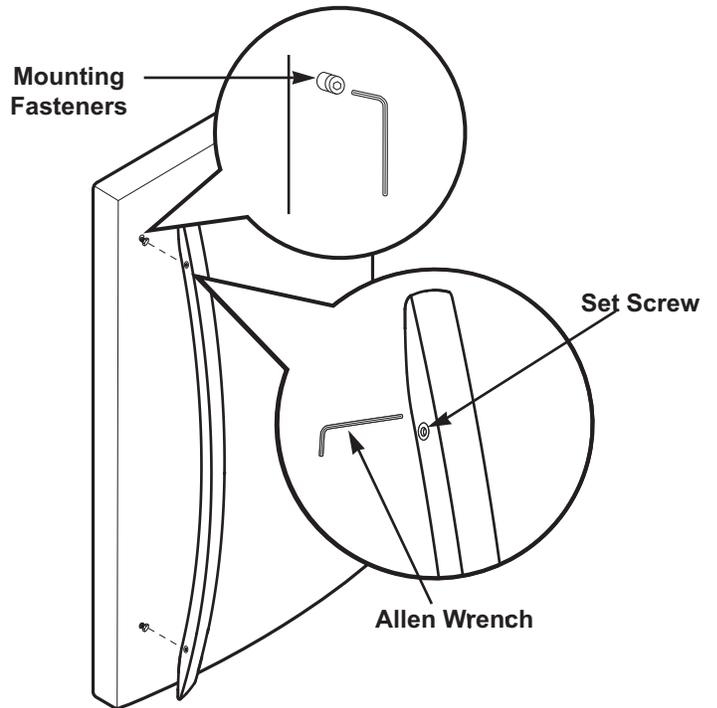


To move refrigerator through a house door, it may be necessary to remove refrigerator and freezer door handles.

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

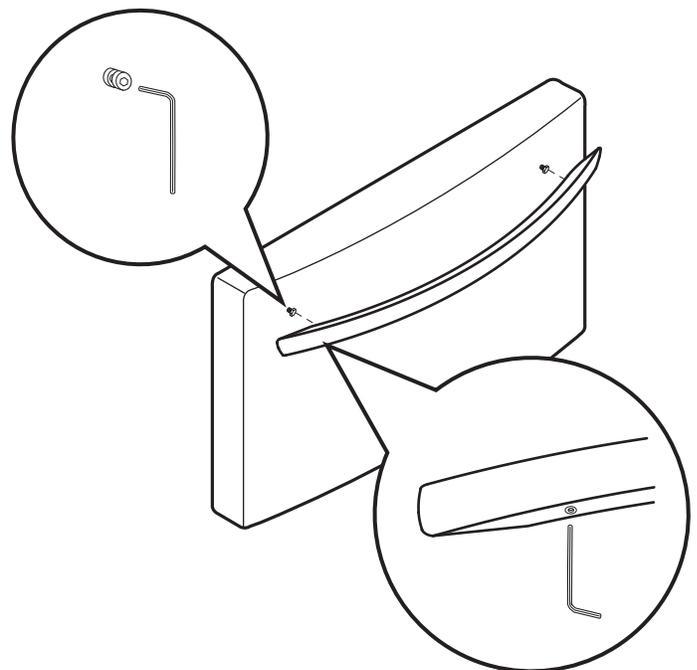
1. Removing Refrigerator Handle

- Loosen the set screws with the 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 the 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.



REFRIGERATOR INSTALLATION

REMOVING AND REPLACING REFRIGERATOR DOORS

1. Removing Refrigerator Door

NOTE: Handle appearance may vary.

IMPORTANT: Before you begin, turn the refrigerator OFF and unplug it. Remove food and any racks from doors.

► Left Door

- Loosen the screws and remove the cover on back side (see figure A).
- Disconnect water supply tube by pushing back on the disconnect ring (3).
- Loosen the cover screw (1).
- Disconnect door switch wire (2).
- Pull out the tube (4).

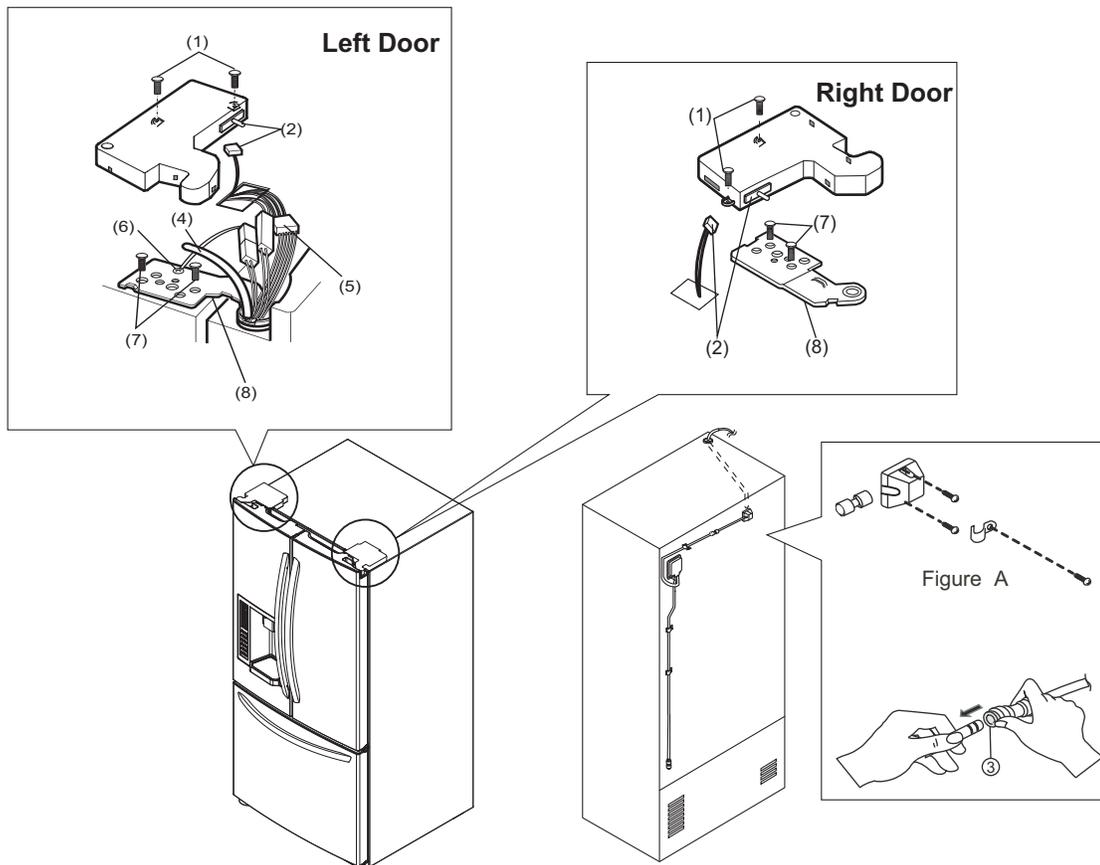
⚠ CAUTION: If a tube end is deformed or worn out, cut the damaged portion away.

- Disconnect wire harness (5).
- Remove the grounding screw (6).
- Loosen screws (7) and lift off the top hinge (8).
- Place the door on a non-scratching surface with the inside up.

⚠ CAUTION: When removing top hinge, be careful that the door does not fall forward.

► Right Door

- Loosen the cover screw (1).
- Disconnect door switch wire (2).
- Loosen screws (7) and lift off the top hinge (8).
- Place the door on a non-scratching surface with the inside up.



REFRIGERATOR INSTALLATION

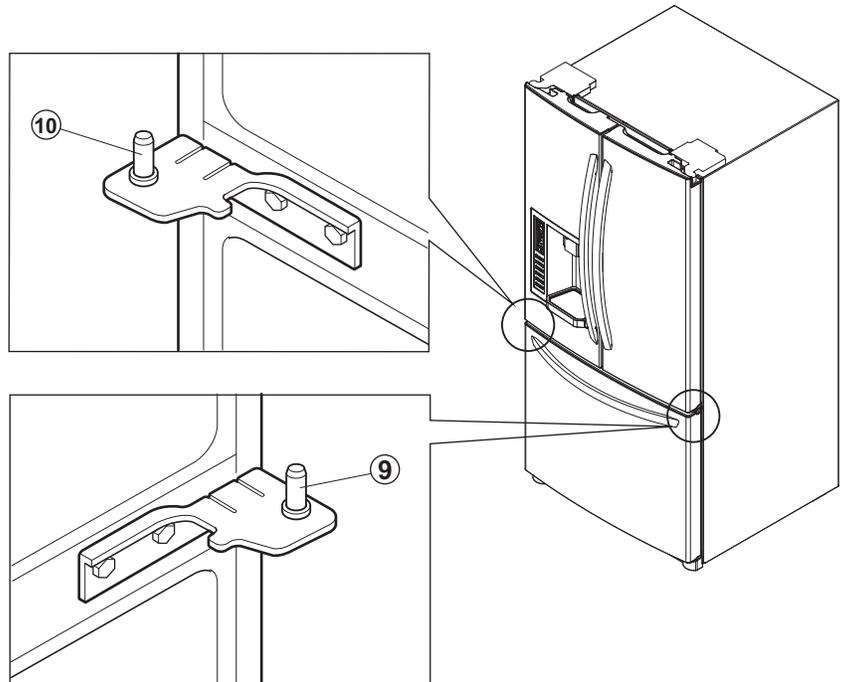
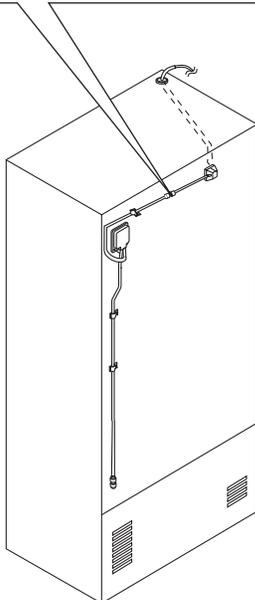
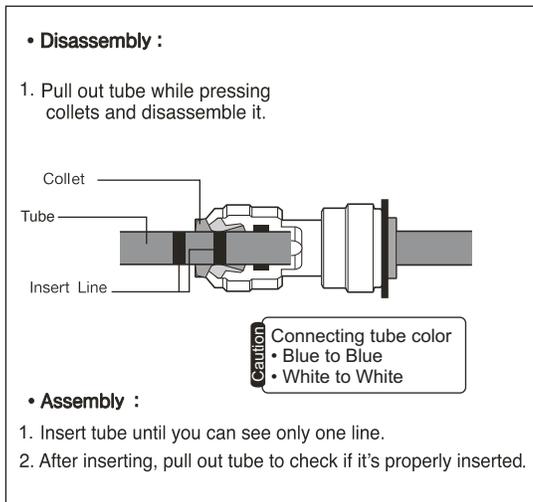
2. Replacing Refrigerator Door

► Right Door

- Lower the door onto the middle hinge pin (9). Make sure the door is aligned with the cabinet.
- Replace the top hinge (8) installing hinge screws (7) to secure it.
- Make sure the gasket on the door is flush against the cabinet and is not folded. Support the door on the handle side while securing hinge. Make sure the door is straight and the gap between the doors is even.
- Connect the door switch wire (2).
- Tighten the cover screw (1).

► Left Door

- Lower the door onto the middle hinge pin (10). Make sure the door is aligned with the cabinet.
- Replace the top hinge (8) installing hinge screws (7) to secure it.
- Make sure the gasket on the door is flush against the cabinet and is not folded. Support the door on the handle side while tightening. And make sure the door is straight and the gap between the doors is even.
- Insert the water supply tube (4) into the connector tube until you see only one scale mark. (Fully insert the tube over 5/8" (15mm)).
- Install the grounding screw (6) and connect the harness (5).
- Connect the door switch wire (2).
- Tighten the cover screw (1).



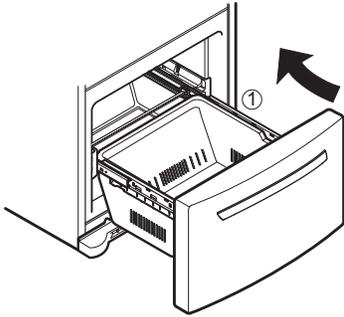
REFRIGERATOR INSTALLATION

HOW TO REMOVE AND INSTALL THE PULL OUT DRAWER

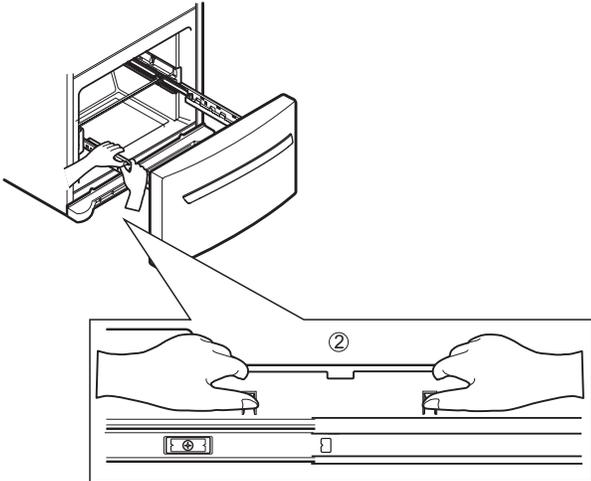
IMPORTANT: To avoid possible injury or damage to the product or your property, please use two people to perform the following instructions:

1. Removing the Pull Out Drawer

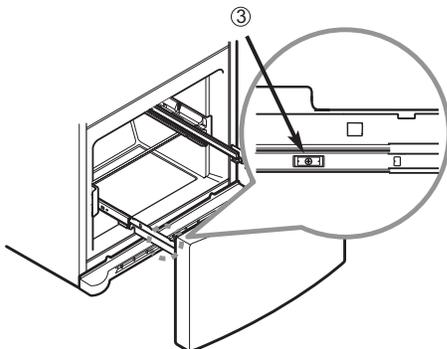
- Pull the drawer out to maximum extension. Remove the bottom rack (1) by tilting it back a little and then lifting it off the railing tracks.



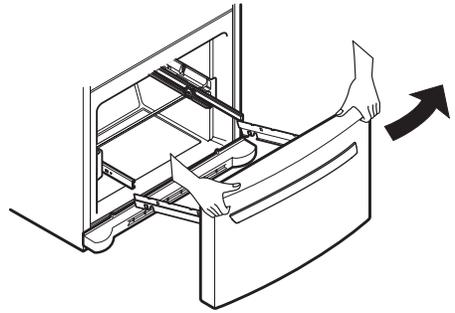
- Put pressure on the two hangers (2) with your thumbs in order to lift it up.
- Separate the left and right rail cover.



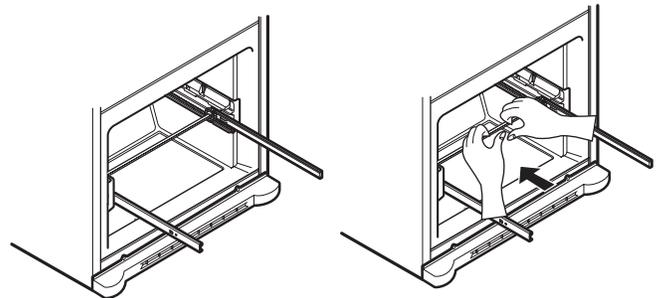
- Remove the screws (3) from both sides of the rail track.



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



- With both hands, hold the center of the bar and push it in so that it is fit to both rails simultaneously.

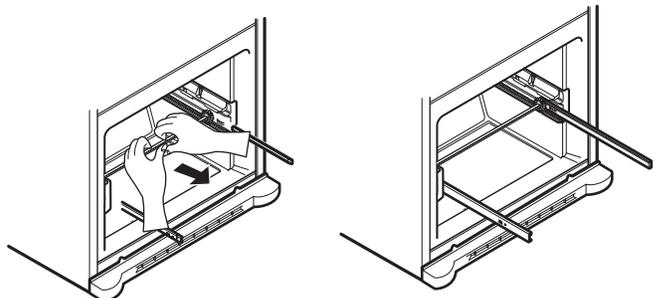


⚠ CAUTION: When removing the drawer, do not hold the handle. If it comes off, it could cause personal injury.

⚠ CAUTION: To place the drawer on the floor, take care not to damage the floor or hurt your feet with the sharp edges on the side with the hinges.

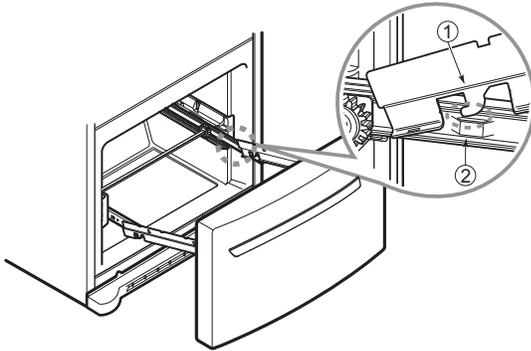
2. Installing the Pull Out Drawer

- With both hands, hold the center of the bar and pull it outward so that the two rails extend out at the same time.

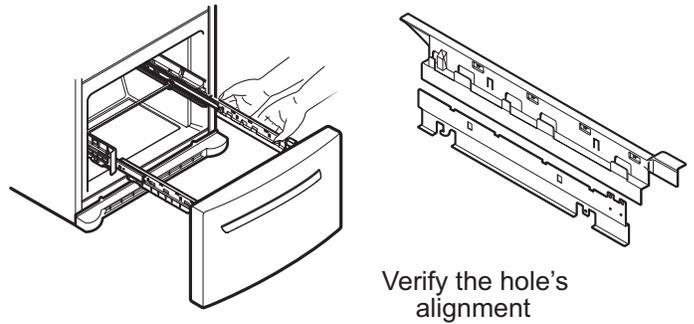


REFRIGERATOR INSTALLATION

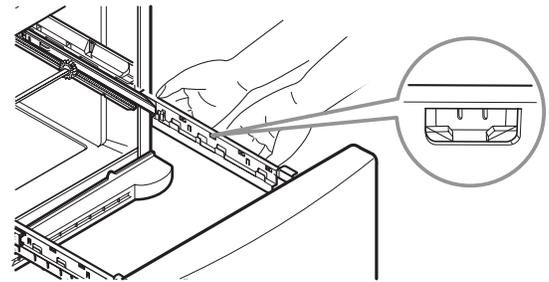
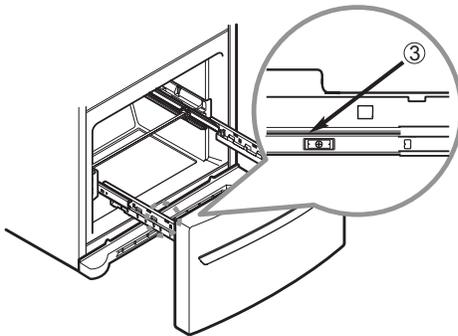
- Mount door supports (1) into the tabs on the railing track (2), starting in the back first and then connecting the part in the front last, as shown in the figure.



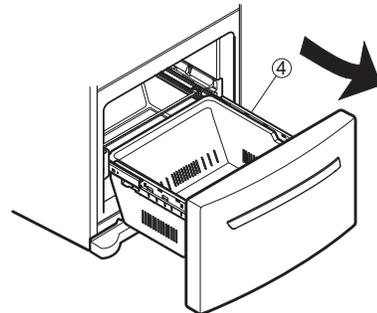
- Align the top holes of the rail cover with the top holes of the door supports to mount the cover.



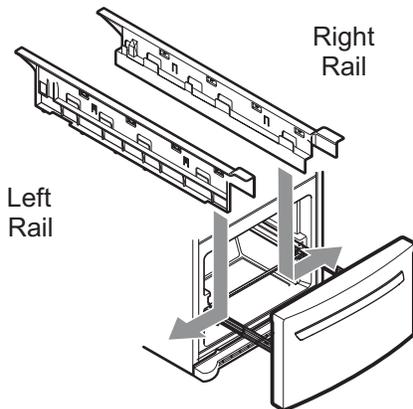
- Push the drawer down into position and tighten the screws (3).



- With the drawer fully extended, insert the lower basket over the front part of the rail assembly and then the back part (4).



- Compare the left and right rail covers on each side.



⚠ WARNING: To prevent entrapment risk and accidental child or animal suffocation, DO NOT permit them to play inside of the drawer.

⚠ WARNING: DO NOT step or sit on the Freezer Door.

REFRIGERATOR INSTALLATION

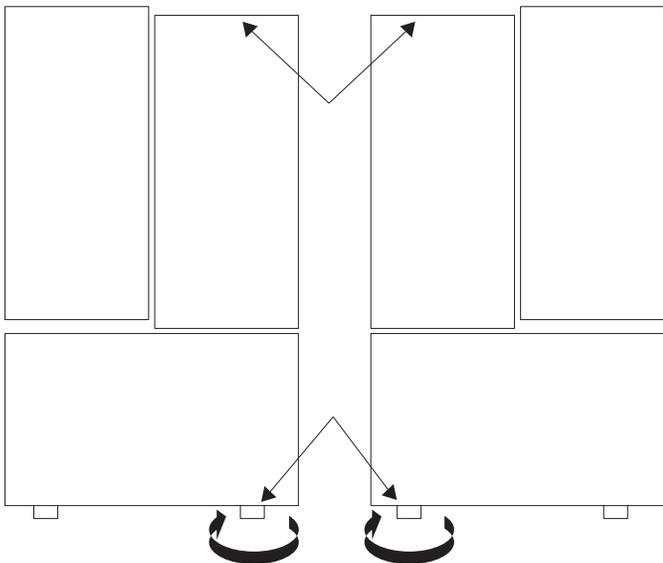
CLOSING AND ALIGNING THE DOORS

Closing the Doors

Your refrigerator has two front leveling screws, one on the right and one on the left. If your refrigerator seems unstable or if you would like the doors to close more easily, simply adjust the inclination of the refrigerator by following the instructions below:

1. Plug the refrigerator into a 3 prong grounded outlet. Move the refrigerator into its final position.
2. Remove the base grille (Refer to the section on "Installation of Base Grille").
3. Use a flat head screwdriver to adjust the leveling screws, turning clockwise to raise the side of the refrigerator and counter-clockwise to lower it. It may take several turns to adjust it to the inclination you would like.

NOTE: Having someone push against the top of the refrigerator takes some weight off the leveling screws. This will make it easier to adjust the screws.



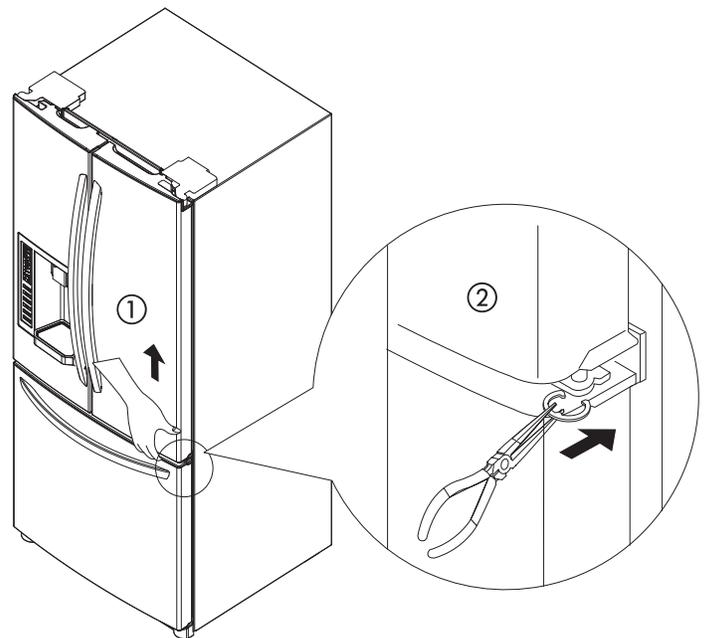
4. Open both doors again and check to make sure that they close easily. If not, slightly tilt the refrigerator further back by turning both leveling screws clockwise. It may take several more turns. Make sure that you turn both leveling screws the same amount.
5. Ensure that the refrigerator is even by using a level.
6. Replace the base grille.

NOTE: Your new refrigerator is designed in a unique way, with 2 doors for fresh food. Each door can be opened or closed independently one of each other. You must press the doors slightly to make the doors are totally closed.

Aligning the Doors

If the spacing between the doors is uneven, follow the instructions below to align them:

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 per unit.)



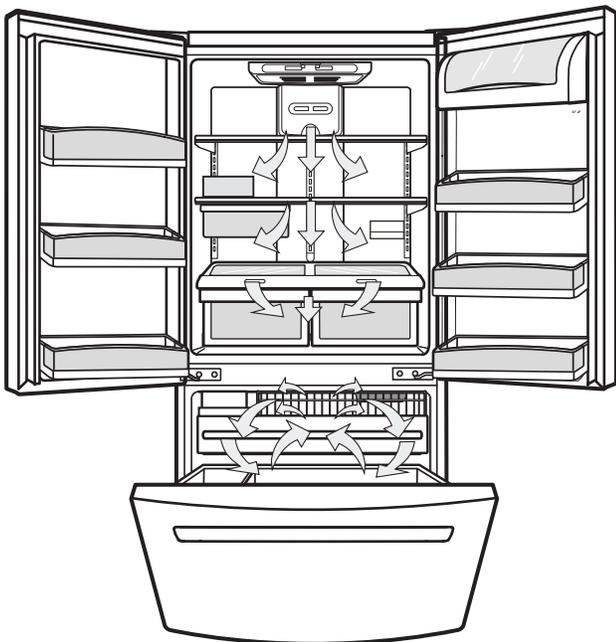
USING YOUR REFRIGERATOR

ENSURING PROPER AIR CIRCULATION

In order to obtain stable temperature, the air must flow between the freezer and refrigerator sections. As shown in the illustration below, the cold air enters through the bottom part and circulates upward. This air returns below the freezer floor and the rest of the air enters the refrigerator section through the top vent.

MULTI FLOW

- The cooling fan operates more powerful and effective than when in normal operation. This is especially noticeable when new food is placed in the refrigerator compartment.
- If the lining is damaged, water or other substances could enter through the cool air vent causing decreased efficiency.



Do not block any of these vents with packages of food. This can interrupt the flow of air and cause temperature and moisture problems.

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, make sure you wrap or cover foods tightly (See the “Food Storage Guide” section for details).

DOOR ALARM

With this feature you will hear an alarm when the freezer or refrigerator door is ajar for more than 1 minute. These tones will repeat every 30 seconds. The alarm is cancelled when the door is properly shut.

CONTROL PANEL

Press the button to see the desired option and select other functions. For full details of the functions read pgs. 18-19



• LED DISPLAY

The LED screen shows the different temperature, dispenser options, and of the water filter, door alarm, and blocking message board configurations.

• ICE TYPE

This button is used to select between ice cubes or crushed ice.

• FREEZER

Press the FREEZER button to adjust the temperature of the freezer.

• REFRIGERATOR

Press this button to adjust the temperature of the refrigerator.

NOTE: When you press the temperature button more that five seconds it will change between Fahrenheit and Celsius.

• ICE PLUS

Press this button to activate the function ICE PLUS, in which the ice production will increase in about 20%.

• LIGHT/FILTER

The LIGHT/FILTER button controls the dispenser's lamp. Resets the button after the water filter has been changed.

• ALARM/LOCK

Press this button to control the alarm when the door is open. Press this button to lock or unlock the function of the rest of the control panel, including the dispenser.

Turning of the temperature mode

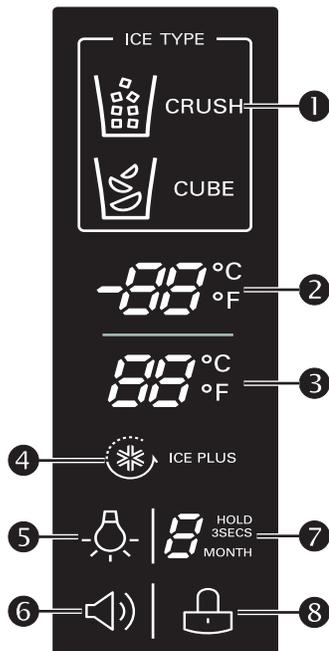
control: To activate the function press and hold the ICE PLUS and ICE MAKER buttons for more than 5 seconds until the light turn off.

If any key is pressed or any door is open the light will turn on and will remain on, after 20 seconds of inactivity, the light will resume and will turn off. To keep the lights on press and hold again the ICE PLUS and the ICE MAKER buttons for more than five second or until the light turn on. The temperature control mode doesn't affect the functions of the refrigerator.

USING YOUR REFRIGERATOR

CONFIGURATING THE CONTROLS

The LED screen shows the configurations of the temperature, dispenser options, and filter, door alarm and lock messages.



1 Ice type indicator

Shows the type of ice, crushed or cube that the dispenser will dispense.

2 Freezer temperature control

Shows the temperature in the freezer, Celsius or Fahrenheit.

3 Refrigerator temperature

Shows the temperature in the refrigerator, Celsius or Fahrenheit.

4 Ice Plus

When this button is on the screen will show this has been activated.

5 Dispenser light

When this button is in function on the light will show this has been activated. When the dispenser light is on the display will indicate this feature.

6 Door alarm indicator

This indicator shows that the door-open warning alarm is activated.

7 Water filter status

This light shows the filter's status. See the filter's configurations.

8 Lock status

This light shows the actual status of the control panel, in which the lock function is on.

HOW TO REGULATE THE CONTROLS

Freezer temperature control

To adjust the temperature in the refrigerator, press the freezer button to scroll thru the configurations functions.



0 °F

Refrigerator temperature control

To control the temperature of the refrigerator, press the refrigerator button to scroll thru the configuration functions.



37 °F

NOTE: The actual temperature display is not the actual temperature, this varies depending of the temperature of the food inside the screen displays the temperature to reach, when using the refrigerator for the first time set the temperature in 37°F (3°C) for the first 24 hrs, then adjust temperate to reach the desired one.

Temperature Display

To change the temperature display from Fahrenheit to Celsius:

- Press and hold simultaneously the FREEZER and the REFRIGERATOR buttons for more that five seconds.
- DO the same to change back to Fahrenheit.

USING THE DISPENSER



Ice crushed dispenser

Press the type button to light the ice crushed light.



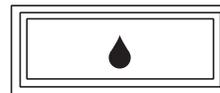
Press the level with a glass or any other container and ice crushed will be served.



Press the level with a glass or any other container and water will be served.

NOTE: Hold the glass or any other container in its place for some seconds after serving the water or the ice to avoid losing the last drops of water or ice chunks. The dispenser is not going to work if the doors are opened.

DISPENSING WATER



Press the dispenser button to light the water icon. Press the button with a glass or any other container to dispense water.

When the water dispenser level is press the water dispenser button is on.

USING YOUR REFRIGERATOR

LIGHT / FILTER

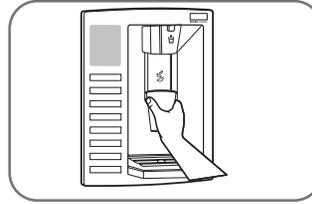


Press the LIGHT/FILTER button to turn on or off the water dispenser.

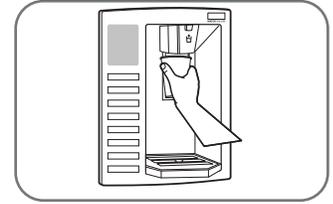
6 HOLD 3SECS MONTH

Press and hold the LIGHT/FILTER button for more than 3 seconds to reconfigure the filter LED after you have changed the filter.

Incorrect



Correct



HOW TO CONFIGURATE THE OPTIONS

Press the function button that you want to configure.



Press and hold the ALARM/LOCK during 3 seconds to lock the dispenser and all the other functions of the control panel. Press and hold for 3 seconds to unlock the functions of the control panel.



The ALARM/LOCK button also controls the alarm of the door that is activated every 30 seconds for three times when the door is opened after 60 seconds. The alarm will stop when the door is closed.

Press the ALARM/LOOK once to activated or deactivate this function.

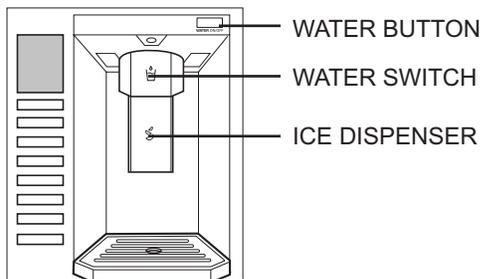


Press the ICE PLUS function once to activate this function the ICE PLUS function light will activate when this function is on. The ice plus function runs the freezer compartment at the coldest setting for a 24-hour period to increase ice making by up to about 20%, and then turn off automatically.

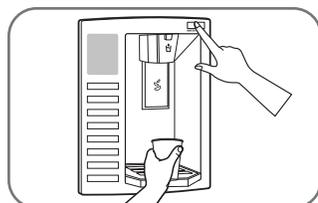
Press the button again to cancel the Ice Plus function.

CAUTION

When you open the rack slightly keep your self as closer as possible to the water or ice.



Incorrect



Correct



ADJUSTING CONTROL SETTINGS

Give the refrigerator time to cool down completely before adding food. It is best to wait 24 hours before you put food into the refrigerator. 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 the temperature in the refrigerator or freezer, begin by adjusting the refrigerator first. Wait 24 hours after the refrigerator adjustment to check the freezer temperature. If it is too warm or too cold, then adjust the freezer control as well.

Use the settings listed in the table below as a guide.

CONDITION/REASON:	RECOMMENDED ADJUSTMENT:
REFRIGERATOR section is too warm <ul style="list-style-type: none"> Opening the door often Adding a large amount of food Room temperature is very warm 	Adjust the REFRIGERATOR setting to the next highest number and wait 24 hours, then check
FREEZER section is too warm/ ice is made too slowly <ul style="list-style-type: none"> Opening the door often Adding a large amount of food Room temperature is very low (not cycling often enough) Using ice frequently Air vents blocked by objects 	Adjust the FREEZER setting to the next highest number and wait 24 hours, then check Remove any objects blocking blocking air flow.
REFRIGERATOR section is too cold <ul style="list-style-type: none"> Controls not set correctly for your conditions 	Adjust the REFRIGERATOR setting to the next highest number and wait 24 hours, then check

USING YOUR REFRIGERATOR

FREEZER section is too cold

- Controls not set correctly for your conditions

Adjust the FREEZER setting to the next highest number and wait 24 hours, then check

FOOD STORAGE GUIDE

Storing Fresh Food

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.

Butter or margarine

Store opened butter in a covered dish or in a closed compartment. When storing a larger quantity, wrap in freezer packing and freeze.

Cheese

Store in original packaging until you are ready to use it. Once opened, tightly rewrap with plastic wrap or aluminum foil.

Milk

Clean the carton. For best storage, place on an interior shelf, not in the door.

Eggs

Store in original carton or in the egg compartment.

Fruit

Wash and let dry; store in plastic bags in the refrigerator. Do not wash or pit berries until you are ready to eat them. Berries should be selected and kept in their original packaging (if there is any) or in a paper bag closed halfway and set on a shelf.

Leafy vegetables

Remove original packaging and trim any dirty or discolored parts. Wash in cold water and drain. Place in a plastic bag or plastic container and store in the crisper.

Vegetables with skins (carrots,peppers)

Place in bags or plastic containers inside the crisper.

Fish

Consume fish or seafood the same day purchased.

Chef fresh

Store any meat in original airtight, moisture-proof packaging. Rewrap if necessary.

Leftovers

Cover leftovers with plastic wrap or aluminum foil. Plastic containers with airtight lids can also be used.

STORING FROZEN FOOD

NOTE: For more information on how to prepare food to be frozen such in a way to see the period they can be stored consult a frozen food guide or a cook book.

Packaging

A great freezing depends on how great you package the foods. When you seal the package make sure you remove all excess air and do not allow humidity. A package that is incorrectly sealed will result in the transmission of bad odors, contaminants inside your refrigerator, and will cause your foods to dry.

Packaging Recommendations:

- Use sealed plastic containers.
- Use plastic containers with a smooth surface.
- Package with aluminum foil of high resistance.
- Wrap with paper layered with plastic.
- Use water proof plastic.
- Use recommended plastic bags to store frozen foods.

Follow these packaging or container instructions in order to reach the best freezing.

Do not use:

- Bread wrapping.
- Plastic container not safe for storing.
- Containers without lids or seals.
- Waxed paper or waxed plastic.
- Thin wrapping paper or not water proof.

Freezing

IMPORTANT: Do not keep bottles in the freezer compartment; they may explode after freezing and cause damage.

For the maximum use of your freezer do not store excess food. Do not introduce a large amount of unfrozen foods that cannot be frozen within 24 hours (no more than 2 - 3 pounds or .91kg - 1.36 kg of food per square inch of space in the freezer.) Sufficient space must be left in order for the air to circulate properly around the packages. Leave enough space in order to close your refrigerator with out difficulty.

Storage times can vary depending on the type and quality of the food, the way its package, or packaging container used, (in comparison to air and humidity), and the temperature it being stored in. Ice crystals formed inside your package are normal it indicates the air and humidity inside your package have condensed.

NOTE: Let warm foods cool off at room temperature for approximately 30 min, then wrap accordingly with the methods mention above and freeze. By letting your warm foods cool off before you introduce them to your freezer it will save you energy.

USING YOUR REFRIGERATOR

WARNING

SUFFOCATING DANGER

Adequate ventilation is required when using dry ice. Dry ice is Carbon Dioxide. When it evaporates it produces oxygen, causing dizziness, slight headaches, unconsciousness or death. Do not inhale these vapors and properly ventilate the room while in use of dry ice.

REFRIGERATOR SECTION

REFRIGERATOR SHELVES

The shelving of your refrigerator can be adjusted to comply with your storage necessities; Depending on the model you have in can include glass shelving or wired shelving. The storing of your foods together and adjusting the shelving to different heights will ease to help you locate what you need. This also helps your refrigerator to stay shut longer which will save you energy.

IMPORTANT: While your refrigerator glass shelving are cold do not clean with hot or warm water. The glass shelving may break if exposed to rapid temperature changes or hard impacts. For your safety the glass shelving are made out of tempered glass so when at breaking they will fracture into tiny fragments.

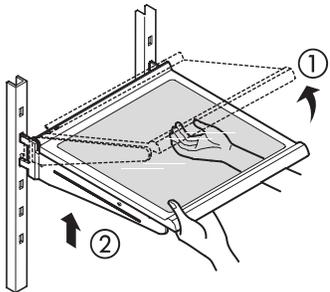
NOTE: Be careful while moving or relocating the shelves they are heavy. If moving the shelves is required keep in mind to locate them in a safe environment to prevent them from breaking.

Adjusting Shelves

Remove the shelves and adjust them to your convenience.

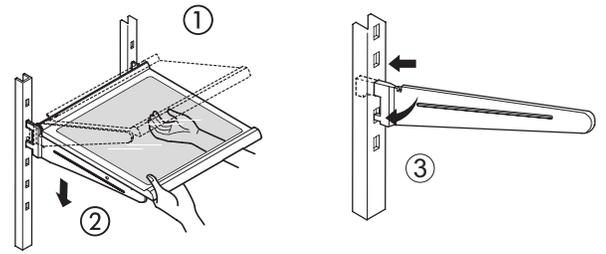
• Removing Shelves

Incline the front of the shelf in the direction indicated by figure 1 and lift in the direction indicated by figure 2. Pull the shelf towards you.



• Replacing Shelves

Incline the frontal part of the shelf (1) and guide the shelf hooks towards the openings at the height desired. Then lower the front of the shelf (2) so the hooks can be inserted (3) in the shelf supports.



NOTE: Make sure that the shelf is installed in the horizontal manner. If not secured it can cause the shelves to fall, which will cause your stored food to spill.

Sliding Shelves (in some models)

You can slide some of the shelves in your refrigerator towards inside or outside like explained below.

- **To slide the shelf towards the outside:** Pull towards you, figure A.
- **To slide the shelf towards the inside:** Push until it stops, figure B.

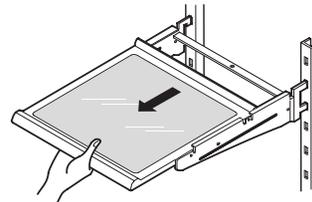


Figure A

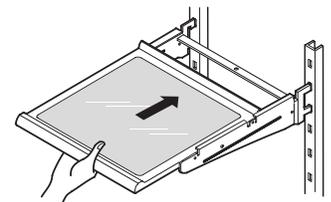


Figure B

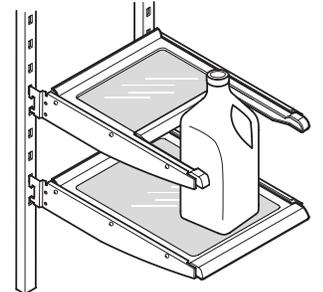
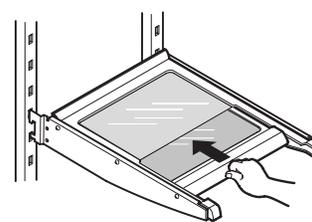
In order to remove a shelf from a metal frame

1. Pull the shelf until it stops.
2. Incline the front of the shelf towards the top and pull forward.
3. Lift the shelf in the manner it moves across the support openings.

To put back into place just reverse these steps.

Functional Shelves/ Folding Shelves (in some models)

You can store tall articles like gallons or bottles just by simply folding the shelf in half.



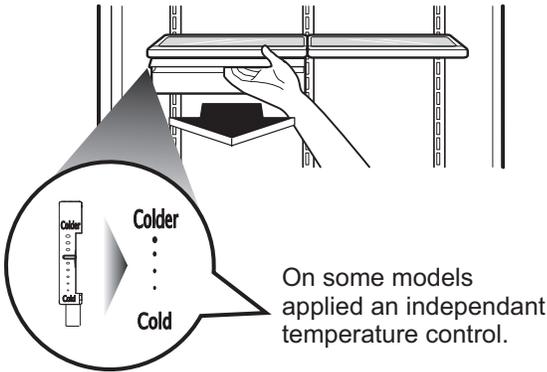
USING YOUR REFRIGERATOR

FROZEN MEAT COMPARTMENT/ CHEF FRESH SNACK PAN (in some models)

To remove the Frozen Meat Compartment

Pull the frozen meat compartment forward while holding it with your other hand, slightly lift and pull.

To replace the frozen meat compartment just follow the steps in reverse.



NOTE: DO NOT store lettuce or other leafy produce in this drawer.

COLD

- Cauliflower
- Cucumbers
- Zucchini
- Apples
- Corn
- Oranges
- Grapes

COLDER

- Steaks
- Hard cheeses
- Cold cuts
- Bacon
- Hot dogs

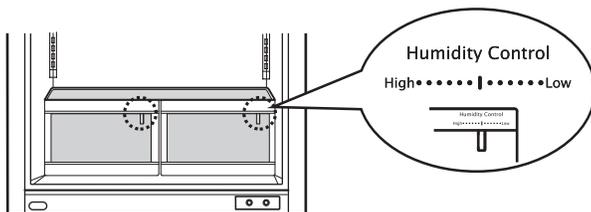
⚠ WARNING: Fruits and vegetables may be damaged at the coldest setting.

CRISPER HUMIDITY CONTROL (in some models)

For the conservation of fruits you can control and adjust the humidity level (high or low) in the drawers.

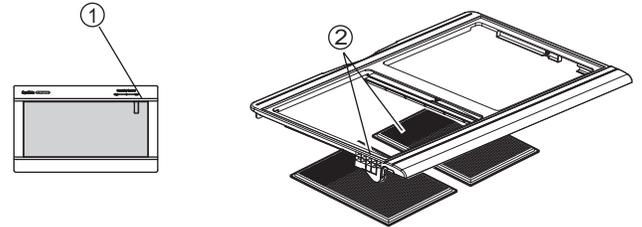
“High”: Allows air to leave the vegetable drawer for the best conservation of fruits.

“Low”: Allows air to be stored in the drawer for the best conservation of vegetables.



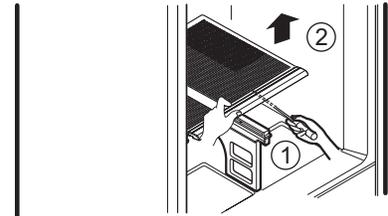
OPTIBIN CRISPERS

The OptiBin crispers maintains fruits and vegetables fresh allowing you to easily control the humidity inside the drawers. The Optibin crispers include 1) a front humidity control and 2) a system that allows you to preserve or avoid humidity.



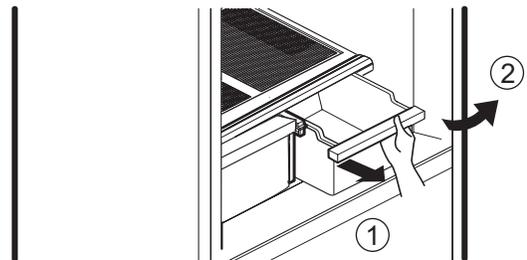
Removing the glass:

1. Lift the opening of the drawers and use a flat head screw driver.
2. Pull towards the top and then out.



Removing the Vegetable Drawer / Crisper:

1. Slip out the drawer towards the outside until it stops.
2. Slightly lift the front part and pull the rest, in order to completely remove the drawer.
3. To relocate the drawer slip out towards the front until it stops.

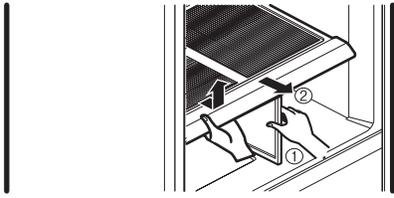


CRISPER COVER WITH INTERIOR LATTICE (in some models)

Removing the Vegetable Drawer Cover:

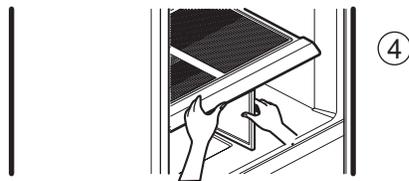
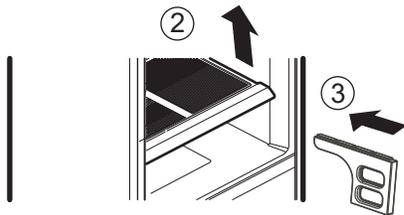
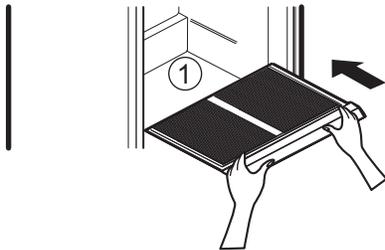
1. Remove both drawers (see Removing the Vegetable Drawer/Crisper).
2. Hold onto the support (1) and pull towards the top and then towards the outside (2).

USING YOUR REFRIGERATOR



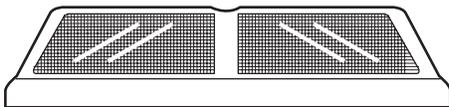
Installing the Vegetable Drawer Cover:

1. Put the cover over the supports (1).
2. Slightly lift the cover (2) while introducing it to the support (3).
3. Put the inferior piece of the cover in the superior support (4).

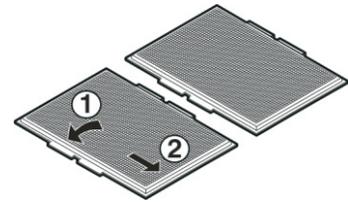


⚠ CAUTION: Be careful when you handle the glass cover because it could loose.

Removing the Interior Lattice:

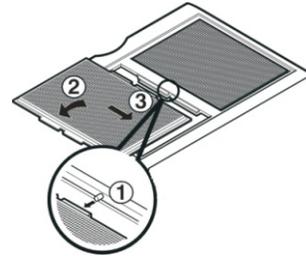


1. Remove the cover (See Removing the Vegetable Drawer Cover).
2. Hold the glass and spin the drawer cover.
3. Hold the rack and pull the sides of the drawer cover out to take them off.



Replacing the Interior Lattice:

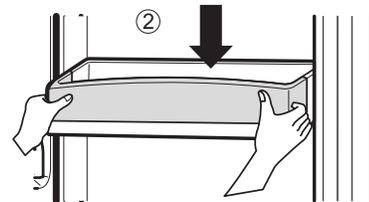
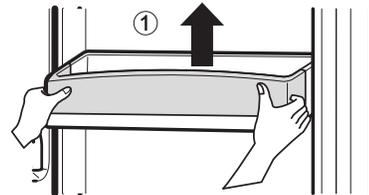
1. For each rack insert the central edge 1 (near the glass cover) and pull the cover sides to insert it.



DOOR RACKS

The door racks are removable for easy cleaning and adjusting.

1. To remove the rack, simply lift the rack up and pull straight out.
2. To replace the rack, slide it in above the desired support button and push down until it stops.



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

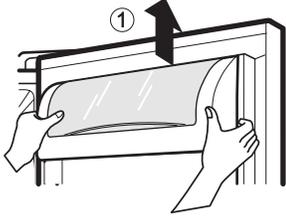
⚠ CAUTION: DO NOT allow children to play with baskets. Sharp corners on baskets could cause injury.

NOTE: DO NOT adjust a rack that is loaded with food.

USING YOUR REFRIGERATOR

DAIRY COMPARTMENT

1. To remove the dairy compartment, simply lift it and pull straight out.



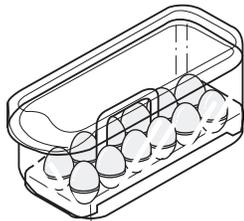
2. To replace the dairy compartment, slide it in above the desired location and push down until it stops.



EGG COMPARTMENT (in some models)

Keep the eggs compartment in an interior shelf, not in a door rack.

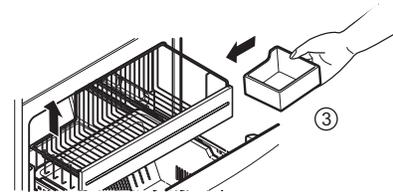
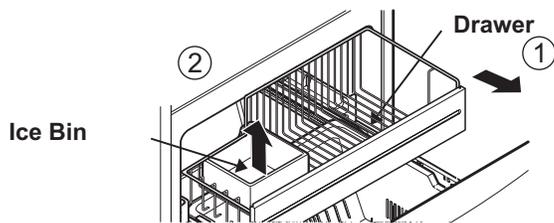
- ⚠ CAUTION:** Do not use the eggs compartment as a container for keeping ice in the freezer compartment. If it freezes, it could break easily.



FREEZER SECTION

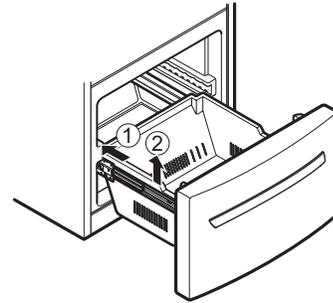
ICE BIN (In some models)

1. Pull the drawer as much as possible.
2. Raise the ice box and take it out carefully.
3. Take the drawer off as much as possible and put the ice bin in the right position.



DURABASE (in some models)

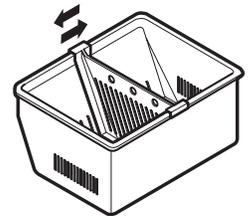
1. To remove the Durabase, push it back, raise the front part and pull it up.
2. To put it back, insert the Durabase in the rail assembly.



DURABASE DIVIDER (in some models)

The Durabase Divider allows to organize the Durabase area in 2 sections.

- For moving the divider, just move it in the direction that you want.



- ⚠ WARNING:** There is enough space for the children to play.

- ⚠ WARNING:** In order to prevent accidents, such as suffocation, DO NOT let children and pets play inside the box.

TILTING DOOR (in some models)

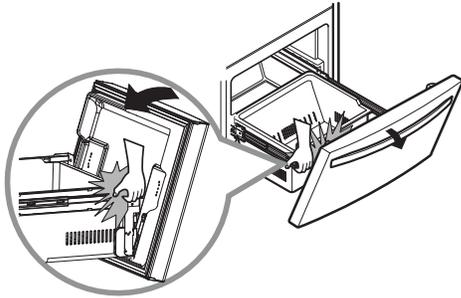
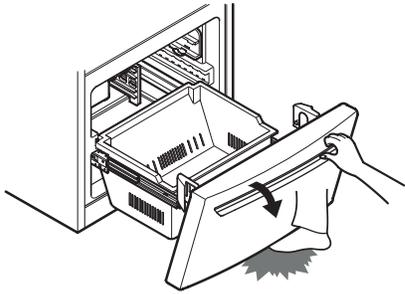
The tilting door provides an easy access to the frozen food.

How to use:

Incline the door downwards and pull it out.

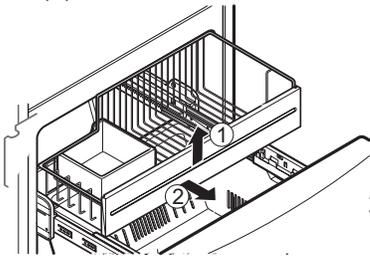
- ⚠ WARNING:** Be careful when opening the door, do not place your feet under the door or your hands inside the freezer; you may hurt them in doing so.

USING YOUR REFRIGERATOR

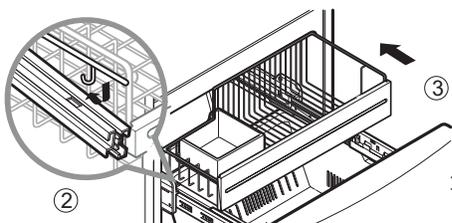
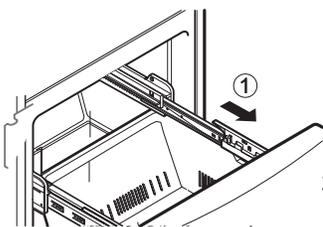


GLIDE - OUT DRAWER BASKET (in some models)

Pull the box as much as possible, pick up the basket a bit (1) and pull it out (2).

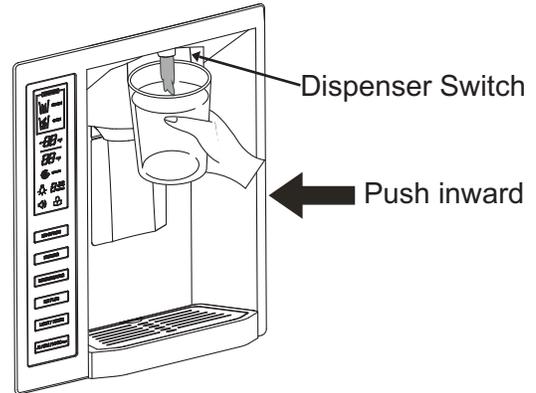


To install, pull the cords to their fullest (1). Lock the supports of the basket into the slides of the cords (2) and push it all the way through (3).

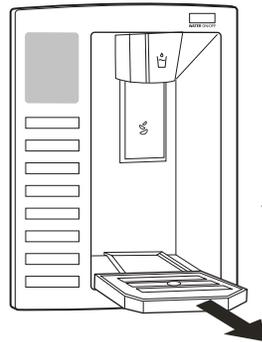


WATER DISPENSER

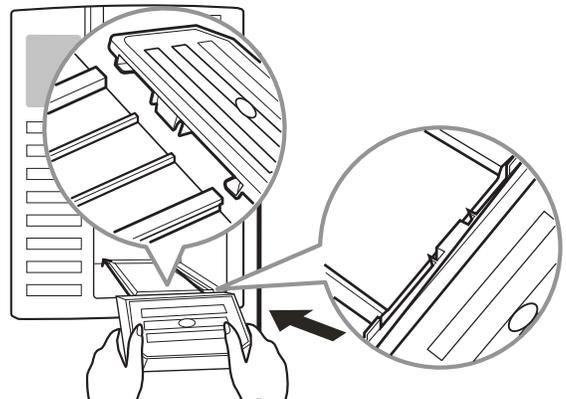
Push inward the water dispenser level with a glass until you hear that the dispenser is turn on.



Water tray dispenser



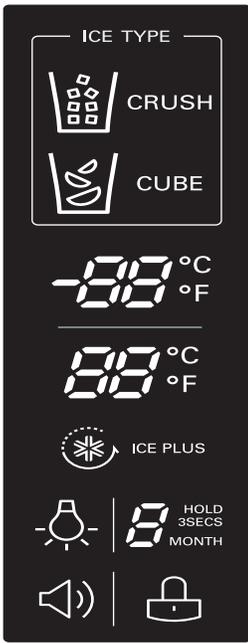
The water dispenser tray doesn't have the self emptying function. You must empty and clean on regular basis. Remove the tray pressing and pulling the tray. Dry with a dry cloth. To place the tray again tilt a little and push inward then introduce the edges in the holes.



WATER FILTER

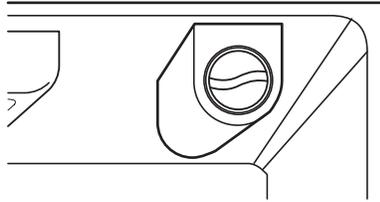
The water control panel shows in months the time to be left to change the filter; from the first turn on of the refrigerator or 6 months or the water dispenser has been used.

USING YOUR REFRIGERATOR



If you have changed the filter after 6 months of use or you wish to reset the filter indicator screen, press the FILTER button more than 3 second until you hear a beep, this will let you know that the screen has been reset.

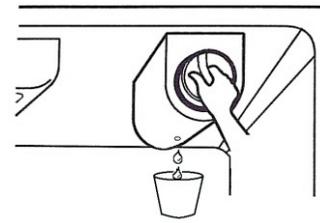
NOTE: The average life of the filter is 6 months.



When the cartridge is removed, it will click out of place. Pull out the cartridge.



NOTE: There will be water in the cartridge. Some spilling may occur through the hole at rear bottom side of cover. You may use a cup or something like that to prevent spilt water drop into food.



It's highly recommended to change the filter when the indicator light is on or the water dispenser or the ice dispenser changes drastically.

After changing the water filter cartridge, reset the water filter status display and indicator light by pressing and holding the BUTTON for 3 seconds.

How to change the old cartridge.

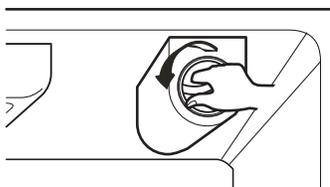
1. Turn the shutoff valve off (house valve).*



2. Dispense water from the system to empty the tubing (approximately for 50 seconds).*



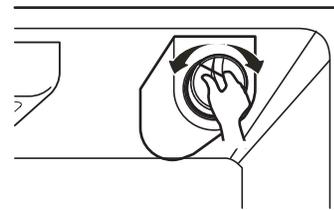
3. Remove the old cartridge. Rotate the knob of the cartridge counter clockwise.



4. Replace with a new cartridge.

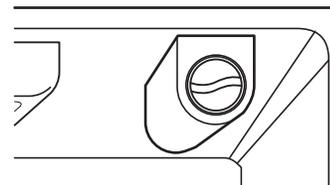
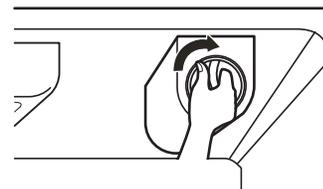
Take the new cartridge out of its packaging and remove protective cover from the o-rings.

With cartridge knob in the vertical position, push the new filter cartridge into the cover until it stops.



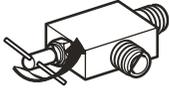
If you can't turn the filter from side to side, it isn't fully inserted. Push it in firmly and twist it into place. You will hear it click into place.

Using its handle, twist the cartridge clockwise about 1/4 turn. You will hear when it clicks into place.



USING YOUR REFRIGERATOR

5. Turn the shut off valve on (house valve).*



6. Flush water out from the system until air gets eliminated and water start to dispense (approximately for 60 seconds).* Flush 2.5 gallons (9.5 liters) of water through filter.



NOTE: To purchase replacement water filter cartridges, visit your local appliance dealer or part distributor.

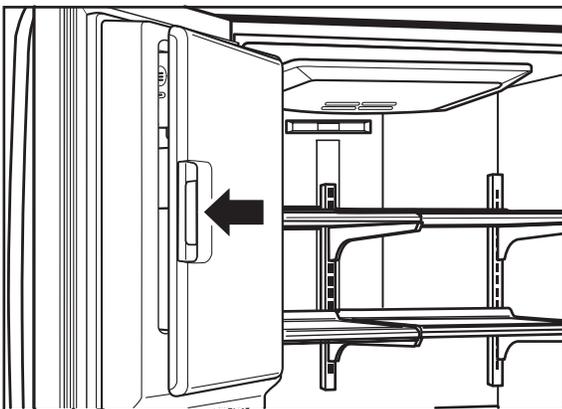
ICE MAKER

⚠ CAUTION

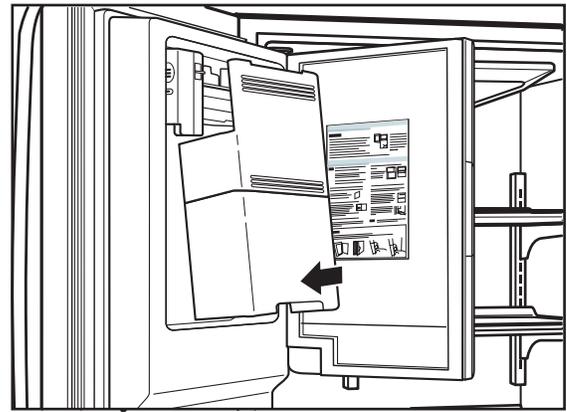
Keep the hands and tools away from the ice maker door or from the dispenser area, you might break something or you might get hurt.

The ice maker will stop making ice when the ice tray is full. If you need extra ice, empty the ice tray into the extra container to let the ice maker produce more ice.

Shake the tray to level the ice, sometimes the ice piles up and the ice maker “thinks” is full, so it stops producing ice.



Press the level (as shown) to close the door. You will hear a “click” when is fully closed.

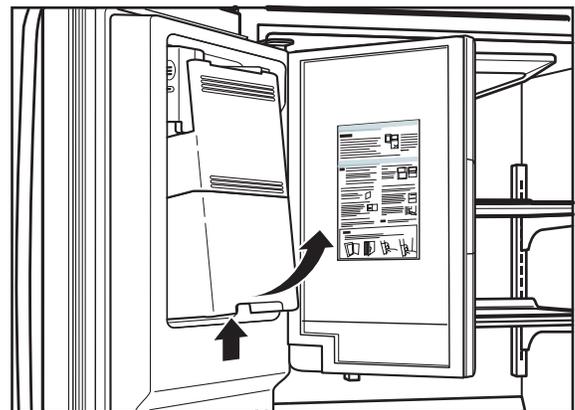


To reinstall the ice tray, tilt it to avoid contact with the ice maker.

NOTE: Keeping cans or other container might damage your ice maker.

Keep the ice maker door closed. If it doesn't close securely, the cold air will freeze the food in the refrigerator. It might also make that the ice maker stops producing ice.

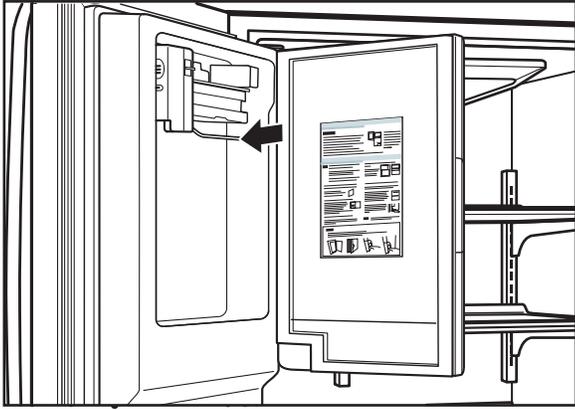
NOTE: If the On/Off switch is off during a long periods of time, the area of the ices will warm up until reaching the temperature of the refrigerator. To avoid the ice cubes to melt and spill all over the refrigerator empty the ice maker when the light is off during a couple of hours. To empty the ice tray, take the level, lift a little from the bottom and slowly remove as shown in the figure.



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

* Steps 1,2,5 & 6 only for models with water dispenser.

USING YOUR REFRIGERATOR



Avoid touching the level of automatic turn on /off when replacing the ice maker tray. For more details see and read the ice maker tag in placed in the door.

REFRIGERATOR CARE AND CLEANING

! WARNING



Explosion Hazard

Do not use flammable cleaners. Not following these instructions can cause death, explosion or fire.

The refrigerator, as well as the freezer, do their own de-freezing. This process does not prevent the build up of contaminants, therefore it is suggested that you clean both parts once a month; clean spilled liquids immediately.

REFRIGERATOR CLEANING

- Unplug your refrigerator.
- Pull out all of the removable parts (such as the vegetable and dairy doors).
- Use a clean sponge (or a soft rag) and use it with lukewarm water mixed with detergent. Do not use abrasive or concentrated cleaners.
- Hand wash it, and dry it thoroughly.
- Plug the refrigerator back in.

OUTSIDE

Wax the outside in order to create better protection. Make sure you use a product specifically design to be used for electro-domestic products (car wax is acceptable). Use a clean, soft rag, and perform this task twice a year. For metal-made refrigerators, do not wax, simply clean it with water and detergent. Do not use concentrated or abrasive products.

Note: Avoid the usage of chemical products that contain phosphates or bleach.

INSIDE

(Allow freezer to slightly warm up a small degree to prevent cloth from sticking)

In order to eliminate bad odors, clean the inside of the refrigerator with a mixture of baking powder and lukewarm water (one teaspoon of baking powder per cup of water. Ensure that the powder dissolves thoroughly, in order to prevent any sort of damage.

DOOR LINING AND GASKETS

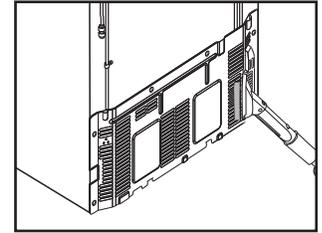
Use only a mild detergent (such as dish soap).

PLASTIC PARTS (Covers and Panels)

Do not use abrasive, paper or rough products. These could damage the product.

BACK COVER

In order to get an efficient performance of your refrigerator, clean the back cover of it at least twice a year.



REPLACING REFRIGERATOR LIGHTS

! WARNING

Electric Shock Hazard

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

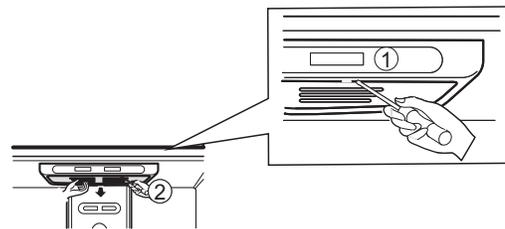
NOTE: Moving the control to the OFF position does not remove power to the light circuit.

NOTE: Not all light bulbs for electric-domestic products will fit your refrigerator. When replacing them, make sure they are the same size, shape, and of a potency of 40 watts.

NOTE: The light bulbs will turn off, if the door of the refrigerator is left open for seven minutes. If the door is shut, the bulbs will turn on again.

Replacing the Refrigerator Light:

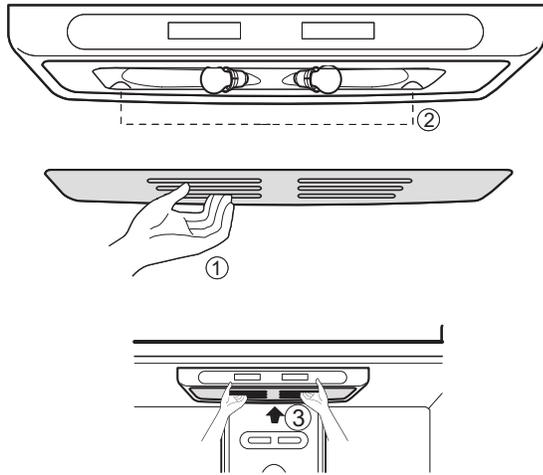
1. Unplug your refrigerator.
2. Pull out all of the shelves.
3. Slide a flat screwdriver (1) into the opening of the light bulb, and pull it downwards (2).



4. Turn the bulb counter clockwise and remove it.
5. Install the new light bulb.

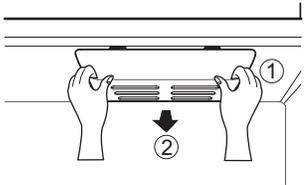
REFRIGERATOR CARE AND CLEANING

6. Take the cover (1), lock the hooks (2) from the rear part of the light bulb and push it upwards (3).

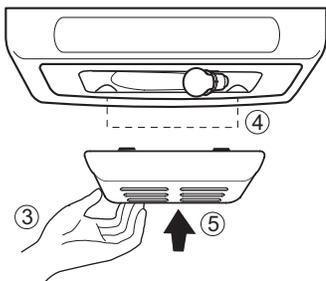


Replacing the Freezer light

1. Unplug the refrigerator.
2. Unlock the cover of the light bulb using your thumbs (2).



3. Remove the light bulb and replace it with a new one.
4. Take the cover (3), lock the hooks of it (4) and push it upwards (5).
5. Plug the refrigerator back in.



POWER INTERRUPTIONS

In case of a black out, call your electric company and ask how long it will last.

1. In case of a 24 hour or less black out, do not open the refrigerator; this will keep the food fresh.
2. In case of a longer black out, do one of the following options:
 - a) Pull out all of the frozen food and keep them in an ice chest.

- b) Put 2 lbs (907g) of frozen ice (make sure you use gloves) for each square foot (28 L) inside the freezer. This task will preserve the food for 2 to 4 days.
- c) In case you do not possess neither ice chest or dry ice, consume your food as soon as possible.

REMEMBER: A full freezer will stay cooler than a partially empty one. Also, a freezer containing meat will also maintain cooler than one containing bread, pastries, or any other baked food.

Food containing icicles can be frozen once again (this process could alter the quality and flavor of the product). If the food is in doubtful condition, get rid of it.

WHEN GOING ON VACATION

If you decide to leave your refrigerator on when going away, consider these steps:

1. Consume all of the perishable items and freeze the rest.
2. Empty the ice bin.

If you decide to leave your refrigerator off:

1. Remove all of the food.
2. Unplug your refrigerator.
3. Clean, and dry it well.
4. Make sure the doors stay open (use blocks or tape) in order to prevent bad odors and fungi from happening.

WHEN MOVING

If you decide to take your refrigerator with you when moving, consider the following:

1. Remove all of the food from it, and place the frozen food in an ice chest with dry ice.
2. Unplug your refrigerator.
3. Empty the water from its tray.
4. Clean and dry it with a rag.
5. Pull out all of the removable parts, and wrap them with adhesive tape.
6. Depending on the model of the refrigerator, lift the top part of the refrigerator so it can roll with ease, or screw the levelers so it won't scratch the floor. Consult to the section "Closing and Aligning Doors".
7. Keep the doors closed with the cable glued to the refrigerator cabinet with an adhesive tape.

When your refrigerator arrives to your home, put everything back into place and read the section "Refrigerator Installation" in order to obtain installation preparation. In case your refrigerator has a factory ice maker, remember you have to reconnect the water supply.

ABOUT THE AUTOMATIC ICE MAKER

NOTE: The automatic Ice maker is only included in some models. Check your specifications of your refrigerator.

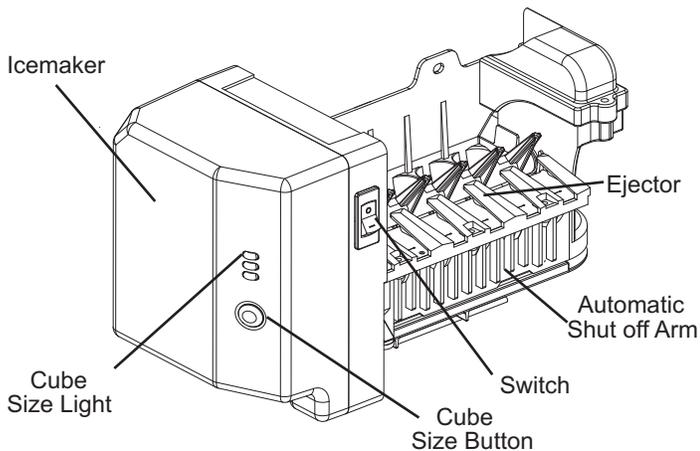
! WARNING

Personal Injury Hazard

Avoid contact with any moving parts of the ejector mechanism or with the heater that releases the ice cubes. DO NOT place your fingers in the automatic ice maker when the refrigerator is plugged in.

OPERATING INSTRUCTIONS

After turning on your refrigerator, the ice will start to be made between 12 and 24 hours.



The ice maker produces 5 cubes per cycle (in between 60 and 80 cubes in a 24 hour period), depending on the temperature of the freezer, the times in which the door opens, and other using conditions (amount of food in the freezer, etc).

NOTE: If the size of the ice cube is smaller or bigger than what you desire, you can adjust its size by pushing the selective button. This button changes the pressure of the water, which can give considerable results.

Each time you push the selective button, a light will turn on. The bigger the amount that turns on, the bigger the size of the cubes will be.

If the refrigerator is used before the connection of water to the ice maker was performed, you must turn its dial to **O** (off).

When the water connections are performed, turn its dial to **I** (on).

The ice maker will fill up (and start making ice) between 12 and 24 hours after the refrigerator is turned on.

Throw away the first batch of ice. Make sure that nothing interferes with the sensor.

When the ice reaches the sensor, the ice maker will stop to make ice immediately.

It's normal that some ice gets stuck. If the ice is not used frequently, the older cubes of ice will be opaque in color, smaller, and with a strange flavour.

YOU MUST TURN THE SWITCH TO O (OFF)

- When the water supply is interrupted for many hours.
- When the ice container is left out of its place for more than one or two minutes.
- When the refrigerator will not be in use for various days.

NORMAL SOUNDS

- The valve will emit a buzzing sound when the icemaker is full of water. If the switch is placed in the off position the buzz will still be heard even when the water pipe has not been connected. To avoid this sound, move switch to **O** (off) position.

NOTE: The icemaker can get damaged if the switch is kept in the ON position before the water pipe has been connected.

- While the icemaker is filling up with water and producing ice, you will hear the sound of the ice falling and water flowing through the pipes.

PREPARING FOR VACATIONS

Move the icemaker switch to the **O** (off) position and cut the flow of water going into the refrigerator.

If room temperature is at freezing point, have a specialized technician drain the flow of water from the inner pipes (certain models) to avoid broken pipe related damage.

CONNECTING THE WATERLINE

NOTE: It is necessary to have a water source when both water and/or ice dispensers are available in your product.

BEFORE START

The water source is not guaranteed by the refrigerator manufacturer. Follow instructions carefully in order to reduce damage.

Air located inside the water pipes can cause hammering or tapping causing damage to the inner pipes or water spillage in the inside of the refrigerator. Call a qualified plumber to fix such hammering on the connections before installing the water pipe.

To avoid burn damage or such, never connect refrigerator to hot water pipes.

If you are to use the refrigerator before connecting it to the water source, make sure the icemaker is the off position.

Never attempt to install the icemaker pipes in areas where room temperature is below freezing point.

When using any electrical device (like a drill) during the installation, make sure device is doubly isolated or making ground to prevent risk of electrical surge or discharge.

All installations should be done considering local water and drainage requirements.

- If an **inverted osmosis water filtration system** is connected to the cold water source, the water hose installation is not assured or guaranteed by the refrigerator or automated icemaker manufacturer. Follow the next instructions carefully to minimize costly water related damages.

- When having an **inverted osmosis water filtration system** connected to the cold-water flow, the water pressure for such system must be at least between 40-60 PSI or 0,27 MPa ($2,8 \text{ kg} \cdot \text{f} / \text{cm}^2 \sim 4,2 \text{ kg} \cdot \text{f} / \text{cm}^2$, ($2,8 \text{ kg} \cdot \text{f} / \text{cm}^2 \sim 4,2 \text{ kg} \cdot \text{f} / \text{cm}^2$, menos de 2 ~ 3 less than 2 ~ 3 seconds to fill a 7 oz of capacity cup [0,2 liters]).

- If the **inverted osmosis water filtration system** pressure is less than 21 PSI or 0,14 MPa ($1,5 \text{ kg} \cdot \text{f} / \text{cm}^2$, more than four (4) seconds to fill a 7 oz pf capacity cup [0,2 liters]):

a) Identify if the sediments filter in the inverted osmosis system is being blocked. Replace filter if necessary.

b) Allow inverted osmosis system storage tank to refill after extensive usage.

c) Call a qualified plumber if the inverted osmosis water pressure problem continues.

REQUIREMENTS

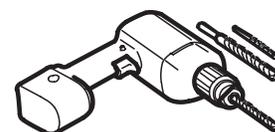
- 1/4" (6,35 mm) in diameter copper pipe to connect refrigerator to the water pipe. Make sure both terminals are cut in a squared manner.



To determine how much pipe material is needed, measures the distances between the valves located behind the refrigerator and the source of water and add to that 8 feet (2,4m). Make sure there is sufficient pipe material to allow the free movement of the refrigerator from the wall.

- A **cold water source**. Water pressure should be between 0,137 and 0,82 MPa or 20 and 120 PSI for models not containing water filter and between 0,275 and 0,82 MPa or 40 and 120 PSI for models containing water filter.

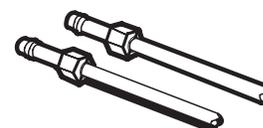
- A **drill**.



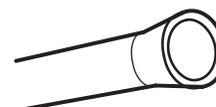
- **Adjustable 1/2" (12,7 mm) key**.

- **Flat and Phillips style (star) screwdriver**.

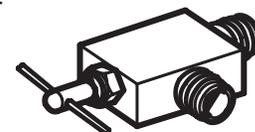
- Two 1/4" (6,35 mm) diameter compression nuts with two sides to connect the copper pipe to the refrigerator valve.



If your current copper pipe has some reduction on the ends, it will be necessary to get and adaptor (found in hardware stores) to connect the water line to the refrigerator. It is also possible to cut such reductions with a pipe cutter and use the compression connections mentioned above.



- Bypass valve to connect to the cold water line. The valve must have a water opening with an interior 5/32" (3,46 mm) diameter in the cold-water connection point. These valves can be located in any cold-water connection package. Before buying make sure such valve meets local standards and requirements.



INSTALLATION INSTRUCTIONS

Install the valve to the pipe that you use to drink water. (Connect only to a potable water source).

1. CLOSE THE MAIN WATER SOURCE

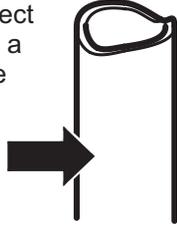
Open the nearest water faucet to let water flow and empty pipes.

CONNECTING THE WATERLINE

INSTALLATION INSTRUCTIONS (CONTINUED)

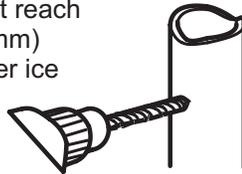
2. SELECT THE LOCATION OF THE VALVE

Select the location of the valve that will provide a better access. It is best to connect to a vertical pipeline. When connecting to a horizontal pipeline is necessary, make the connection in the lateral or upper area instead of the lower area to prevent accumulation of sediment.



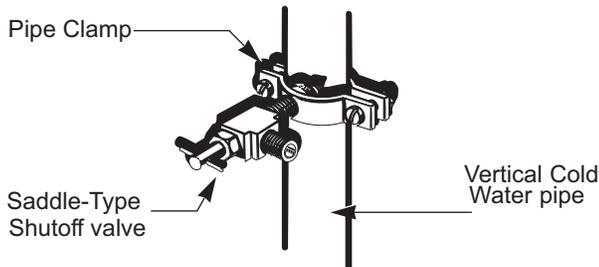
3. DRILL A HOLE FOR THE VALVE

Drill a 1/4" (6,35 mm) diameter hole in the water pipeline. Remove jagged edges produced after perforation. Make sure water does not reach the drill. Not performing the 1/4" (6,35 mm) perforation can lead to a low or smaller ice production.



4. TIGHTEN THE VALVE

Tight the valve into the cold water pipeline with a tube trap.

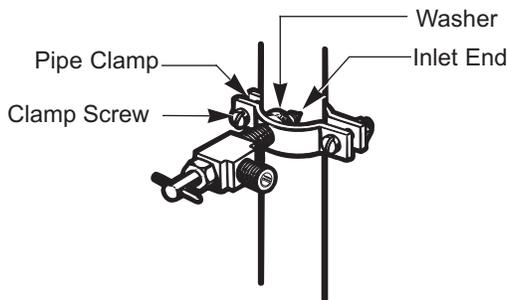


NOTE: Codes for 248 CMR pipelines of the state of Massachusetts must be attached to the connection. Valves of this type are banned in Massachusetts. Call an authorized plumber.

5. TIGHTEN THE TRAP

Tighten the trap until the sealing ring begins to grow.

NOTE: Make sure it is not too tight, this can break the pipe.



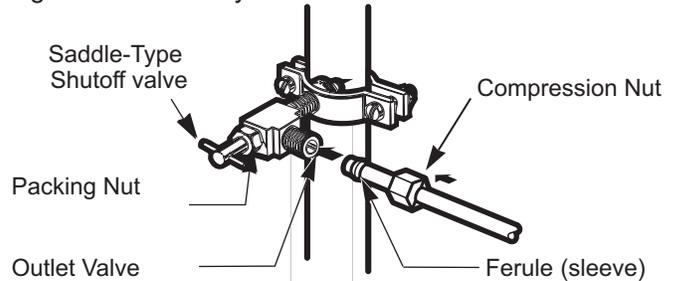
6. PLACE THE PIPELINE

Place the pipeline between the cold water pipe and the refrigerator. Place it through a hole in the wall or floor (behind the refrigerator or next to the cabinet) as close to the wall as possible.

NOTE: Make sure there is a sufficient amount of extra pipeline (8 feet [244 mm] coiled up three times with a 10" [25 cm] in diameter) to allow free movement of the refrigerator from the wall after installation was made.

7. CONNECT PIPELINE TO VALVE

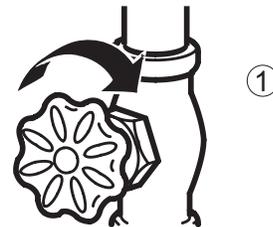
Place the compression nut and the copper pipe ferule at the end of the pipe and connect to the valve. Make sure the pipe is completely inserted into the valve. Tighten nut carefully.



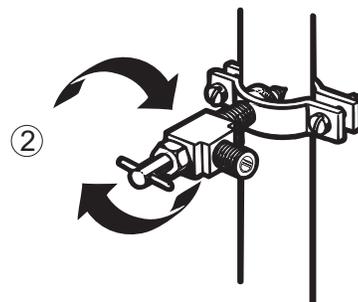
NOTE: Codes for 248 CMR pipelines of the state of Massachusetts must be attached to the connection. Valves of this type are banned in Massachusetts. Call an authorized plumber.

8. DRAIN THE PIPE

Open the main water source (1) and drain the pipe until water comes out clear.



Allow water flow from the bypass valve (2) and close after draining 1/4 of a gallon (1L) of water.



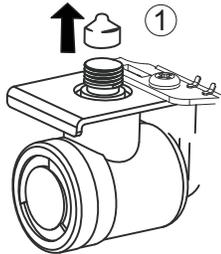
CONNECTING THE WATERLINE

9. CONNECT PIPE TO REFRIGERATOR

NOTE: Before making connection to refrigerator, make sure it is not connected to any energy source. If your refrigerator does not have a water filter, it is advised to install one. If your water source contains sand or related particles that can travel to the valve, install a water filter near the refrigerator.

Important: Never use old or used hoses. Always use new ones to have a better use and experience. Connect always to a potable water source to avoid security and health issues.

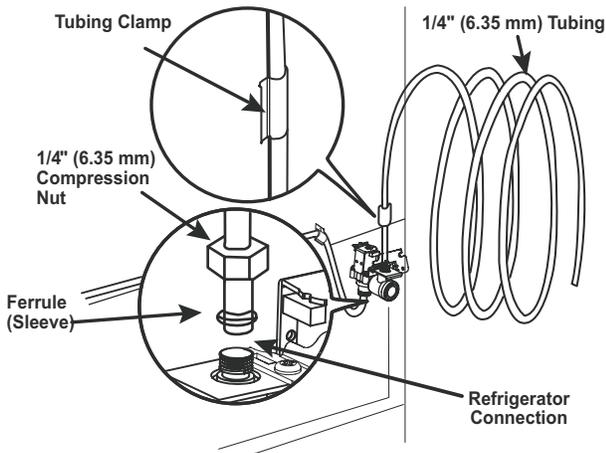
Remove the ring plug (1) from the valve located at the top of such device.



Place compression nut and the ferrule at the end of the pipeline. Insert pipeline into the connection valve as far as possible. Hold tightly while holding pipeline.

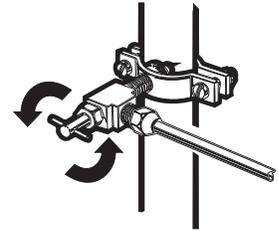
Hold on to the pipe from the handles or grabbers located behind the refrigerator, loosening first the bolt holding the handle. Afterwards, insert pipe into the hole and tighten bolt to finalize.

CAUTION: Review not occurring leakage in the water line.



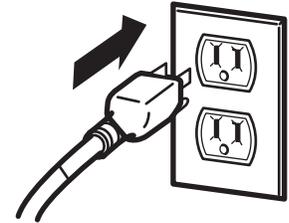
10. OPEN THE BYPASS VALVE

Tighten all connections containing leaks. Place access cover back on compressor.



11. CONNECT TO REFRIGERATOR

Fix pipeline in a way that it does not vibrate on the refrigerator or wall. Push refrigerator against wall.



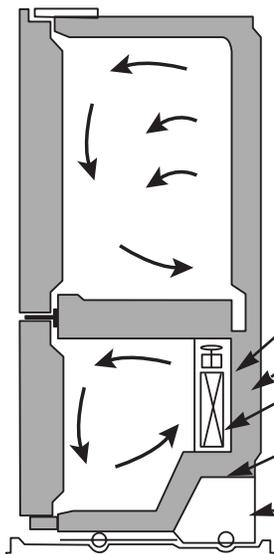
12. TURN ICEMAKER ON

Turn icemaker switch into the ON position. Icemaker will start only after reaching its operating temperature of 15 °F (-9 °C) or less. It will automatically begin the ice production if switch is located in the ON position.

TROUBLESHOOTING GUIDE

UNDERSTANDING SOUNDS YOU MAY HEAR

Your new refrigerator might produce certain noises that your previous refrigerator did not. It is normal if you worry. Most of the new sounds you will be hearing are actually normal and expected. Hard surfaces like walls or floor can increase sounds and make them sound louder than they really are. The following list has a description of such sounds along with their causes.



- The thawing timer will make a "click" sound when such timer will start and finish. Temperature controlling device will also make a "click" sound at the beginning and ending of the refrigerator cycle.
- You will hear a bell sound caused by the flow of the refrigerant, water pipe or objects located on the superior part of the refrigerator.
- Your refrigerator is designed to work efficiently to preserve your food at the desired temperature using the least of energy. You will be able to hear a pulsing sound coming from the ventilators and the evaporator. The speed of the ventilator can speed up when you open the refrigerator door.
- After each cycle you will hear a dripping sound due to the refrigerant liquid in your refrigerator.
- Contraction and expansion of the inner walls can cause a slight popping sound.
- You will hear a dripping sound caused during the thawing cycle.
- During the defrosting cycle the water might cause a dripping sound.
- You can hear some tight air sound over the capacitor caused by the fan.
- Running water can be heard during the defrosting cycle.
- Due to its low energy consume design of the refrigerator; the fans will remain of, while the on-off switch activated the internal light of the bin.

THE REFRIGERTOR WON'T TURN ON

Check if...

Then...

The plug is correctly positioned.	Firmly plug the cord into a live outlet with proper voltage.
A fuse has gone bad or the circuit presents failures.	Replace the fuse or reset the circuit breaker.
The refrigerator is in the defrosting cycle.	Wait about 30 minutes for defrost cycle to end.

STRANGE SOUNDS OR SNOZZING/VIBRATIONS

Check if...

Then...

The refrigerator is not correctly positioned.	You need to adjust the leveling screws due the floor is unlevelled or weak. Read the Installation section.
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THE LIGHT WON'T TURN ON

Check if...

Then...

The refrigerator is plugged.	Plug the refrigerator in a right voltage plug.
The light bulbs are loose.	Unplug the refrigerator. Unscrew the Light bulb and screw it again (Read the section Refrigerator Care and Cleaning). Plug again.
A light bulb has gone bad.	Unplug the refrigerator before changing the light bulb. Replace the bulb with a same 40 watts bulb for your local store. (Read the section Replacing Refrigerator Lights).

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IT LOOKS LIKE THE COMPRESSOR MOTOR STAYS ON TOO LONG

Check if...	Then...
The replaced refrigerator was an older model.	Modern refrigerators with a bigger storage capacity require longer periods of operation.
The room temperature is hotter than usual.	The motor will continue working when the room temperature is high. The motor might be on between 40% or 80% of the time. In high temperature conditions, the capacitor might run on periods of time.
The door is being opened very often or there has been a big amount of food in storage.	When adding or opening the door of the refrigerator, it warms it up. It's normal that the refrigerator to run more than usual in order to cool the bins. (Read the section Food Storage Guide). To save energy, take what you need at once, order your food in order so it can be easily found and close the door immediately soon after you took out the food.
The refrigerator is plugged and the control has been adjusted correctly.	The refrigerator will take 24 hours to cool down completely.
Doors won't close correctly.	Push firmly the Doors. If they don't close. Read Doors will not close completely below.
The condenser pipes are dirty.	This will stop the air transfer and mark the motor to work longer and harder. Clean the pipes of the condenser.

DOORS WILL NOT CLOSE COMPLETELY

Check if...	Then...
The refrigerator is not leveled.	Read Refrigerator Installation section to level refrigerator.
The food packages are blocking the doors.	Adjust the food bins in order to free space between the doors and the shelves.
The ice bin, the vegetable bin, the panels and the shelves from the door are out of place or position.	Push the containers and place the vegetable cover lid, the panels, shelves and any other container or bin in their right positions. Read the section Using your Refrigerator .
The gaskets are sticking.	Clean the sealings and the surface they might be in contact with. Use a piece of cloth with a small amount of paraffin and apply it over the sealings.
The refrigerator wobbles or looks instable.	Level the refrigerator. Read the section Closing and Aligning the Doors .
The doors were removed during the installation and they weren't properly setup	Remove and place again the door according to the section Refrigerator Doors: How to remove and reverse .

THERE'S ICE ON THE FOOD

Check if...	Then...
The door hasn't been closed completely.	Read Doors Will not Close Completely already mentioned.
The door is frequently opened.	When the door is opened, warm, humid air is allowed in the freezer resulting in frost.

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THERE IS A WEIRD TASTE AND SMELL IN THE ICE

Check if...

Then...

The ice maker has been installed correctly.	Don't use the first ices made.
The ice has been on storage too long.	Dispose of that old ice and make new.
The food hasn't been packed in the correct way	Pack again the food because it can transfer odors and tastes to the ice.
The water supply contains mineral and sulfur.	You might need to install a filter in order to eliminate the odors and taste problems.
The inside of the refrigerator needs cleaning.	Read the section Refrigerator Care and Cleaning .
The ice bin needs cleaning.	Empty the bin and discard the old ice cubes.

THERE'S WATER IN THE DRAINING BIN

Check if...

Then...

The refrigerator is in defrosting cycle.	The water will evaporate. It is normal that some water falls on the bin.
It's more humid than usual.	It might take a while for the water to evaporate. This is normal when the weather is hot and humid.

THE REFRIGERATOR SEEMS TO MAKE TOO MUCH NOISE

Check if...

Then...

The sounds may be normal for your refrigerator.	Refer to the Understanding Sounds You May Hear section.
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THE ICEMAKER IS NOT PRODUCING ICE OR ICE CUBES ARE FREEZING TOO SLOWLY

Check if...

Then...

The smallest size of ice cubes is selected.	Wait 24 hours after hook-up for ice production. See the Adjusting the Controls section.
Door left open.	Check to see if something is holding the door open.

THE ICE CUBES ARE TOO SMALL

Check if...

Then...

Smaller cube size level is selected.	Select a bigger size for the ice cubes.
The water supply valve is blocked.	Call a plumber to clean the valve.

THE DOORS ARE HARD TO OPEN

Check if...

Then...

The gaskets are dirty or sticky.	Clean the gaskets and surface that they are in contact with. Use a damp cloth with paraffin also apply over the sealings.
The door opens itself as soon as you close it.	When you open the door, the warm air enters the refrigerator. When this air is cooled down it occupies less volume and creates a vacuum effect. If it is difficult to open wait 5 minutes then check.

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THE ICE MAKER DOESN'T WORK

Check if...

Then...

The ice maker is off.	Turn the ice maker to the position on (I).
The water supply is down or not plugged.	Read the section Connecting the Water Line .
The freezer temperature is warm.	Wait 24 hrs for the freezer to reach its ideal temperature.
The ice cubes turn off the ice maker.	Hand level the icecubes.

THE TEMPERATURE IS TOO HOT OR THERE'S HUMIDITY FORMED INSIDE THE REFRIGERATOR

Check if...

Then...

The air vents are blocked. The cool air flows from the freezer to the refrigerator and returns thru the vents that dive this section.	With your hand find the vents and move and package that might be blocking the air flow. See the Multi Flow Section.
The doors open very easily.	When the doors are opened the warm and humid air enters. To keep your refrigerator cool, take what you need once and you're your food organized to make it easy to find it. Close the door a soon as you can.
The refrigerator control has not been adjusted for the room conditions.	Wait 24 hours to stabilize the temperature. If the temperature is cold or hot, move the control until the desire temperature is reached.
A large amount of food is just been placed inside the refrigerator.	After adding food to the refrigerator this will warm up. It might take some hours for the refrigerator to reach its temperature.
The food has not been well packed in each bin.	Wrap the food evenly and before parking anything dry all the bins to avoid humidity. If it is necessary, pack the food according to the section Food Storage Guide .
The doors hasn't been closed correctly.	Read Doors will not Close Correctly section.
The weather is humid.	In humid weathers, the air contains humidity, which introduces it self if the doors are opened.
The auto-defrosting cycle is over.	It's normal the some water props. Get formed after the defrosting cycle is completed.



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