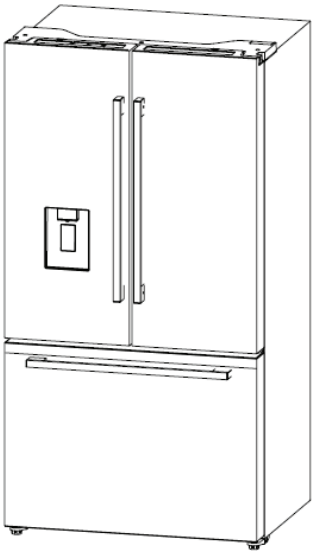
COSMO

REFRIGERATOR

COS-FDR223GWSS



FRENCH DOOR REFRIGERATOR

OWNER'S MANUAL

IMPORTANT: READ AND SAVE THESE INSTRUCTIONS.
FOR RESIDENTIAL USE ONLY.

INSTALLER: PLEASE LEAVE THESE INSTRUCTIONS WITH THIS UNIT FOR THE OWNER.

OWNER: PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Rev.22.09

THANK YOU FOR YOUR PURCHASE

Thank you for your purchase. We know that you have many brands and products to choose from and we are honored to know that you have decided to take one of our products into your home and hope that you enjoy it.

COSMO Appliances are designed according to the strictest safety and performance standard for the North American market. We follow the most advanced manufacturing philosophy. Each appliance leaves the factory after thorough quality inspection and testing. Our distributors and our service partners are ready to answer any questions you may have regarding how to install, use and case for your products. We hope that this manual will help you learn to use the product in the safest and most effective manner.

Before using this product, please read through this manual carefully. Keep this user manual in a safe place for future reference. Please ensure that other persons using this product are familiar with these instructions as well.

If you have any questions or concerns, please contact the dealer from whom you purchased the product, or contact our Customer Support at:

1-888-784-3108

Reach us online at:

www.cosmoappliances.com

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REFRIGERATOR SAFETY

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "WARNING" or "CAUTION." These words mean:

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

⚠ CAUTION A potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

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

California Proposition 65 Warning

⚠ WARNING:

Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING To reduce the risk of fire, explosion, electric shock, or injury when using your refrigerator, follow these basic safety precautions:

- This refrigerator must be properly installed and located in accordance with the installation instructions before it is used.
- Unplug the refrigerator before making repairs or cleaning.

  NOTE: Repairs must be performed by a qualified service professional.
- Replace all parts and panels before operating.
- Do not use an extension cord.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- To prevent suffocation and entrapment hazards to children, remove the fresh food and freezer doors from any refrigerator before disposing of it or discontinuing its use.
- To avoid serious injury or death, children should not stand on, or play in or with the appliance.
- Children and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge can use this appliance only if they are supervised or have been given instructions on safe use and understand the hazards involved.
- This appliance is intended to be used in household and similar applications such as: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels, bed & breakfast and other residential environments; catering and similar non-retail applications.
- Do not apply harsh cleaners to the refrigerator. Certain cleaners will damage plastic which may cause parts such as the door or door handles to detach unexpectedly.
- Connect to potable water supply only. A cold water supply is required for automatic icemaker operation. The water pressure must be between 30 - 100 psi (207 - 700 kPa).

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

⚠ CAUTION To reduce the risk of injury when using your refrigerator, follow these basic safety precautions:

- Do not clean glass shelves or covers with warm water when they are cold. Glass shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping or dropping. Tempered glass is designed to shatter into many small pieces if it breaks.
- Do not use a hair dryer to dry the inside of the refrigerator.
- Do not light a candle to remove odors in the refrigerator.
- Keep fingers out of the "pinch point" areas; clearances between the doors and between the doors and cabinet are necessarily small. Be careful closing doors when children are in the area.
- Use caution consuming popsicles or ice cubes straight from the freezer as this can cause freezer burn to the mouth and lips.
- Do not touch the cold surfaces in the freezer compartment when hands are damp or wet, skin may stick to these extremely cold surfaces.
- Don't store bottled or canned drinks (especially carbonated drinks) in the freezer compartment. Bottles and cans may explode.
- Do not refreeze frozen foods which have thawed completely.
- In refrigerators with automatic icemakers, avoid contact with the moving parts of the ejector mechanism, or with the heating element that releases the cubes. Do not place fingers or hands on the automatic ice making mechanism while the refrigerator is plugged in.

INSTALLATION

⚠ WARNING **FIRE AND EXPLOSION HAZARD**

Keep flammable materials and vapors, such as gasoline, away from refrigerator. Failure to do so can result in fire, explosion, or death.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

CONNECTING ELECTRICITY

⚠ WARNING  **ELECTRICAL SHOCK HAZARD**

Plug into a grounded 3-prong outlet.

Do not remove the ground prong.

Do not use an adapter or an extension cord.

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

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded.

- The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.
- Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.
- Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.
- Do not use an adapter.
- The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.
- A 110~115 Volt AC, 60 Hz, single phase, 15- or 20-Amp fused, grounded electrical supply is required. This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.
- Immediately discontinue use of a damaged supply cord. If the supply cord is damaged, it must be replaced by a qualified service professional with an authorized service part from the manufacturer.
- When moving the refrigerator away from the wall, be careful not to roll over or damage the power cord.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

PROPER DISPOSAL OF YOUR OLD REFRIGERATOR

⚠ WARNING **SUFFOCATION AND ENTRAPMENT HAZARD**

Failure to follow these disposal instructions can result in death or serious injury.

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

Before You Throw Away Your Old Appliance

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

⚠ WARNING **REFRIGERANT AND FOAM DISPOSAL**

Dispose of appliance in accordance with Federal and Local Regulations. Flammable insulation material used requires special disposal of your appliance. Contact your local authorities for the environmentally safe disposal of your appliance.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

FLAMMABLE REFRIGERANT

Check the rating label for refrigerant type. If R600a, follow the warning instructions below.

⚠ WARNING  **FIRE OR EXPLOSION HAZARD**

This appliance contains isobutane refrigerant, also known as R600a, a natural gas with high environmental compatibility. However, it is also combustible. Adhere to the warnings below to reduce the risk of injury or property damage.

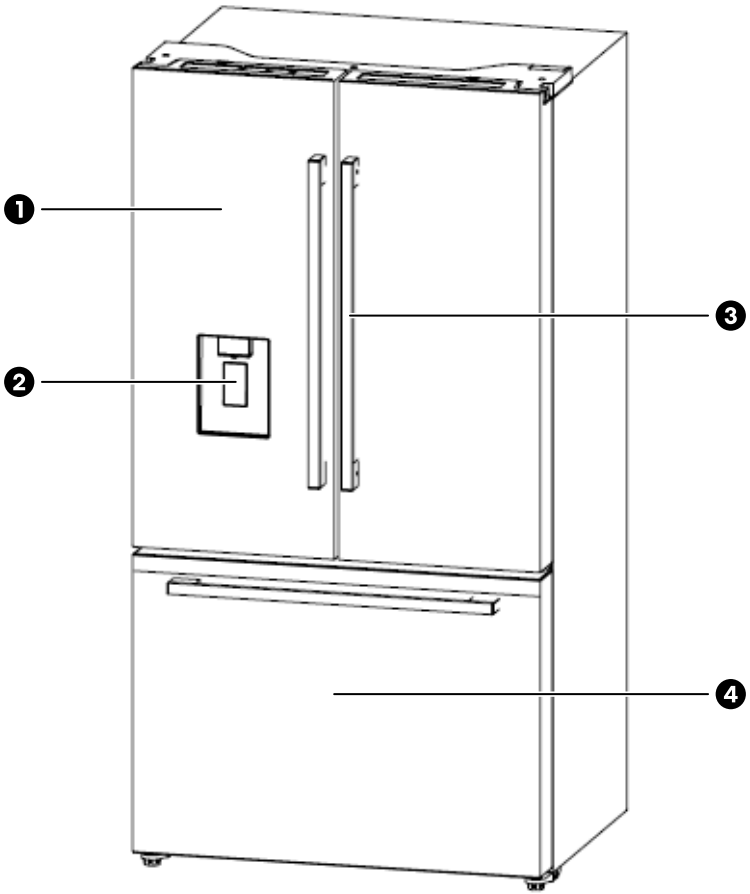
- When handling, installing and operating the appliance, care should be taken to avoid damage to the refrigerant tubing.
- Service shall only be performed by authorized service personnel. Use only manufacturer-authorized service parts.
- Dispose of refrigerator in accordance with the Federal and Local Regulations. The flammable refrigerant and insulation material used in this product require special disposal procedures. Contact your local authorities for the environmentally safe disposal of your refrigerator.
- Keep ventilation openings in the appliance enclosures or in the built-in structure clear of obstruction.
- To remove frost, scrape with a plastic or wood spatula or scraper. Do not use an ice pick or a metal or sharp-edged instrument as it may puncture the freezer liner and then the flammable refrigerant tubing behind it.
- Do not use electrical appliances inside the food storage compartment of the appliance.
- Do not use any electrical device to defrost your freezer.

READ AND SAVE THESE INSTRUCTIONS

PRODUCT OVERVIEW

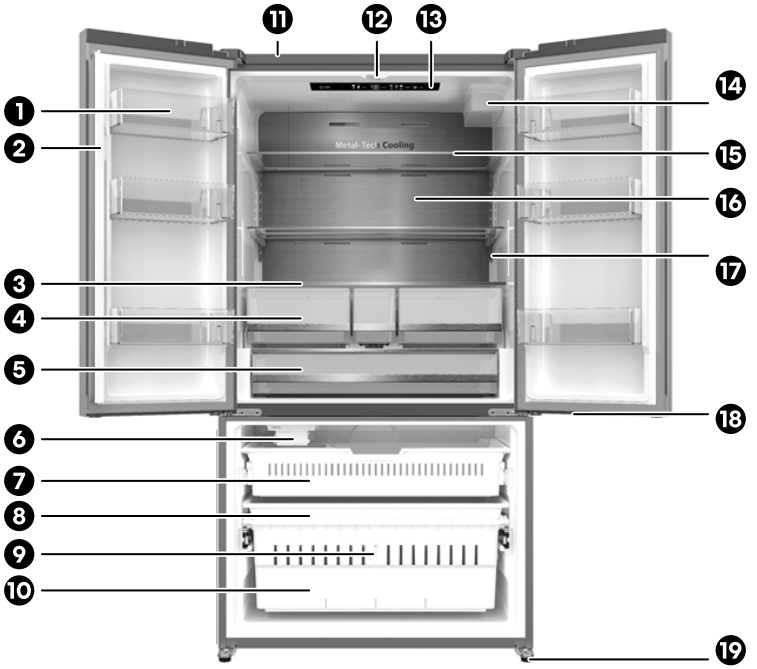
The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

EXTERIOR



1. Refrigerator door
2. Water dispenser
3. Handles
4. Freezer door

INTERIOR



1. Door bin
2. Door mullion
3. Crisper cover
4. Fruit and vegetables crisper
5. Full-width drawer
6. Icemaker
7. Upper freezer basket
8. Middle freezer tray
9. Basket divider
10. Lower freezer basket
11. Top cover
12. Mullion guide block
13. Control panel and display
14. Water filter
15. Glass shelf
16. Wind channel
17. Refrigerator LED light
18. Freezer LED light
19. Adjustable front feet

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

Please read these instructions completely and carefully.

- **IMPORTANT:** Observe all governing codes and ordinances. Save these instructions for local inspector's use.
- **Note to Installer** – Be sure to leave these instructions with the Consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

INSTALLATION OVERVIEW

1. Unpacking the Refrigerator
2. Choosing the Proper Location
3. Disassembling/Assembling
4. Connecting the Water Line
5. Leveling and Door Alignment

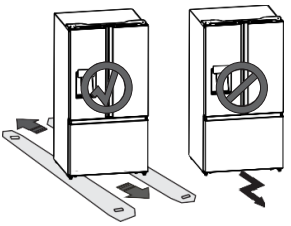
PARTS SUPPLIED

- Refrigerator door handles (2)
- Freezer drawer handle (1)
- (Optional) Door leveling snap rings (4)
- 3mm Allen wrench (1)

UNPACKING THE REFRIGERATOR

⚠ WARNING **EXCESSIVE WEIGHT HAZARD**

- Use two or more people to move and install the refrigerator. Failure to do so can result in back injury or other injury.
- The refrigerator is heavy. Protect the floor when moving the refrigerator for cleaning or service. Always pull the refrigerator straight out when moving it. Do not wiggle or walk the refrigerator when trying to move it, as floor damage could occur.
- The rollers, which are not casters, should be only used for forward or backward movement. Moving the refrigerator sideways may damage your floor and the rollers.



- Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning labels or the model and serial number label.
- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator.
- Reinstall or adjust shelves as needed. Refrigerator shelves are installed in the shipping position. Reinstall shelves according to your individual storage needs.

CHOOSING THE PROPER LOCATION

WATER

The refrigerator must be located where a water supply can be connected for the water dispenser and the icemaker.

NOTE:

- The water pressure must be 30 - 100 psi or 207 - 700 kPa. If the refrigerator is installed in an area with low water pressure (below 30 psi or 207 kPa), you can install a booster pump to compensate for the low pressure.
- Turn the icemaker OFF if the refrigerator will be used before or without the water line is connected.

ELECTRICITY

Use an individual, grounded outlet: 110 - 115 Volts, 60 Hz, AC, Single Phase

NOTE:

- Do not overload house wiring and cause a fire hazard by plugging in multiple appliances in the same outlet with the refrigerator.
- To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area.
- If the voltage fluctuates exceeding the upper limit, A.C. automatic voltage regulator of more than 350W should be applied to the refrigerator for safety use.

FLOORING

For proper installation, this refrigerator must be placed on a level surface of hard material that is the same height as the rest of the flooring. This surface should be strong enough to support a fully loaded refrigerator. If required, adjust the leveling legs to compensate for the unevenness of the floor.

AMBIENT TEMPERATURE

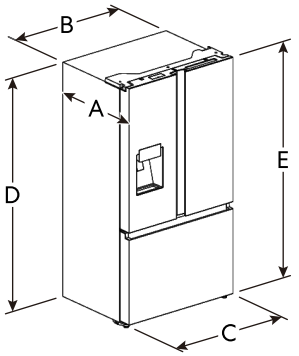
Install this appliance in an area where the temperature is between 50 °F (10 °C) and 100 °F (38 °C). If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

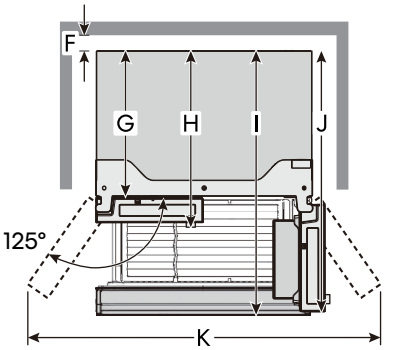
Stand your appliance in a dry place to avoid high moisture damage. Keep the appliance out of direct sunlight, rain or frost. Stand the appliance away from heat sources such as stoves, fires or heaters.

DIMENSIONS AND CLEARANCES

In order to improve efficiency of the cooling system and save energy, it is necessary to maintain good ventilation around the appliance for the dissipation of heat. For this reason, sufficient clear space should be available around the refrigerator.

Allow at least 2" (5 cm) of clearance from the back of the fridge to the wall, at least 1/2" (1.2 cm) of clearance from its top, at least 1/2" (1.2 cm) from its side to the wall, and a clear space in front to allow the doors to open 125°.





Item	Dimension/Clearance	COS-FDR223GWSS
A	Depth without Handle	28 3/4" (73.0 cm)
B	Width of Case	35 3/4" (90.8 cm)
C	Width of Door Frame	36" (91.4 cm)
D	Height to Top of Case	68" (172.8 cm)
E	Height to Top of Door Hinge	70 1/4" (178.5 cm)

Item	Dimension/Clearance	COS-FDR223GWSS
F	Back Clearance	2" (5 cm)
G	Depth without Door	24" (61.0 cm)
H	Depth with Handle	30 3/4" (78.1 cm)
I	Depth with Freezer Drawer Fully Open	44 5/16" (112.6 cm)
J	Depth with Door Open 90°	43 5/8" (110.8 cm)
K	Width with Door Fully Open	60 7/16" (153.5 cm)

REMOVING/ASSEMBLING HANDLES

REFRIGERATOR DOOR AND FREEZER DRAWER HANDLES

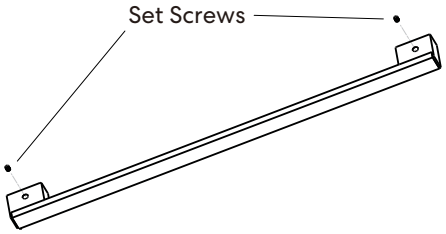
Be very careful not to scratch the doors or the drawers if you must remove the handles. The appearance of the handles may vary from what is shown in the manual.

Tool Needed

- 1/8 in. (3 mm) Allen Wrench (provided)

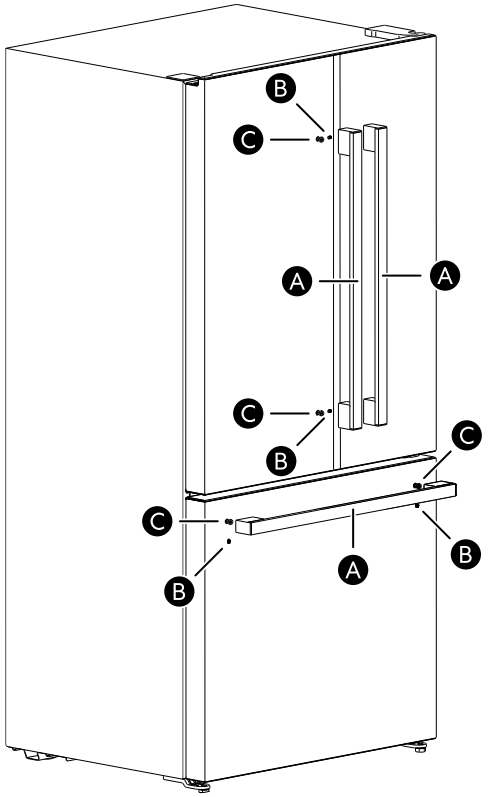
Removing Handles

1. Loosen the set screws with a 1/8 in. (3 mm) Allen wrench and remove the handle.



2. If needed, loosen and remove the mounting fasteners that connect the handle and the refrigerator door (or the freezer drawer).

Assembling Handles



A. Handle

B. Set screw

C. Mounting fastener

1. If needed, reassemble the mounting fasteners on the door (or the drawer).

2. Partially insert the set screws provided into both ends of the handle.

3. Place the handle on the door (or the drawer) by fitting the handle footprints over the mounting fasteners and tightening the set screws with a 1/8 in. (3 mm) Allen wrench.

REMOVING/ASSEMBLING DOORS AND DRAWERS

When moving the refrigerator through a narrow opening, removing the doors and the drawers is preferred. If you must remove the handles, be very careful not to scratch the doors.

⚠ WARNING

- Use two or more people to remove and install the refrigerator doors and freezer drawer.
- Disconnect the electrical supply to the refrigerator before installing.
- Be careful when handling the hinge and hinge lever.
- Remove food and bins before detaching the doors and drawer.
- Do not hold the handle when removing or replacing the doors and drawer as the handle may come off.
- Do not sit or stand on the freezer drawer.

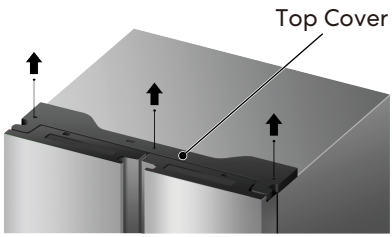
Tools Needed

- 5/32 in. (4 mm) Allen Wrench
- 5/16 in. (8 mm) Wrench
- Phillips screwdriver

REFRIGERATOR DOORS

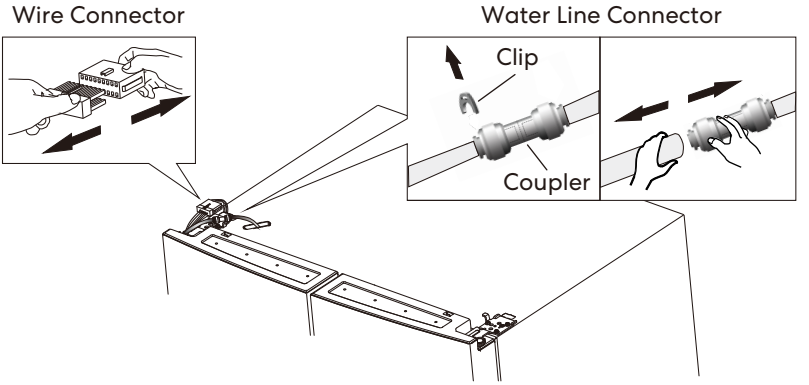
Removing the Refrigerator Doors

1. With the doors closed, remove the top cover by removing the 3 screws with a Phillips screwdriver.

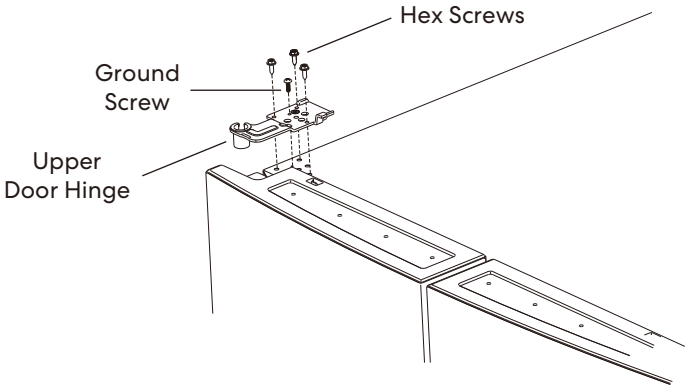


2. Detach the two connectors at the top of the left door.

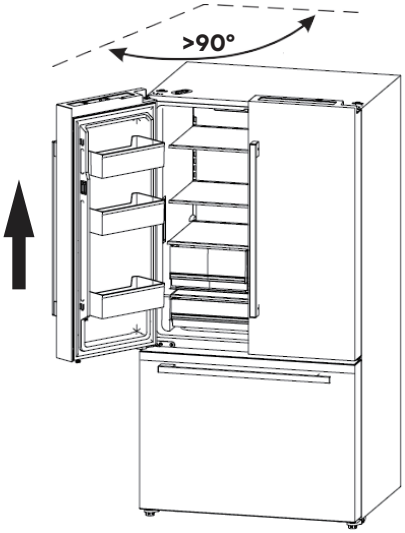
- Wire connector: press the top of the connector and separate it from the other one.
- Water line connector: remove the clip from the water line coupler, and pull out the water line from the coupler.



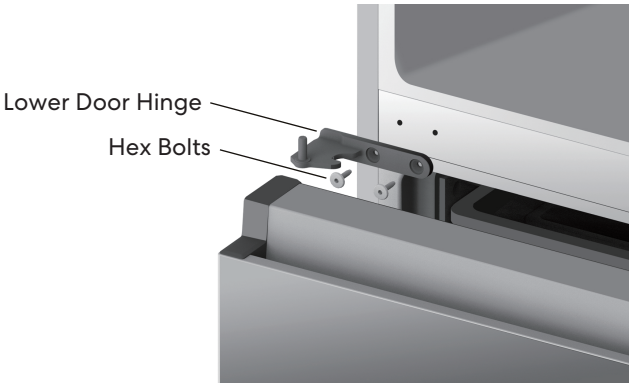
3. Remove the upper door hinge of the left door and the right door by removing the hex screws fixed on the hinges with a 5/16 in. (8 mm) wrench and a ground screw attached to the hinge with a Phillips screwdriver.



4. Use both hands to open the door more than 90°, lift the door up and remove the door.



5. Remove the lower door hinge of the left door and the right door by removing the hex bolts fixed on the hinges with a 5/32 in. (4 mm) wrench.



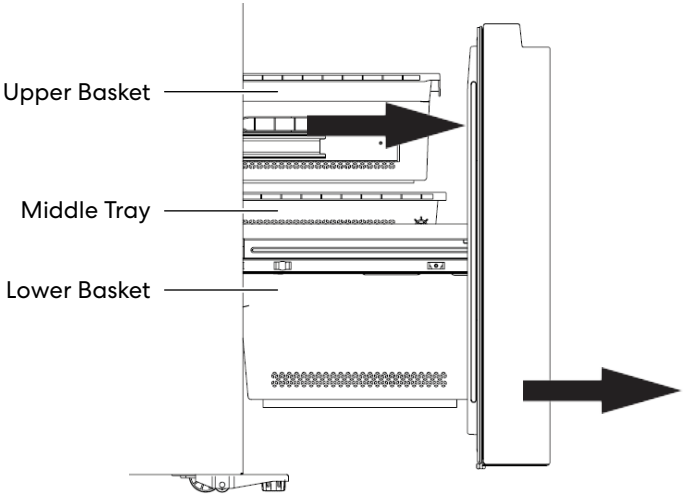
Assembling the Refrigerator Doors

- Follow the removal instructions in reverse order to assemble the refrigerator doors.

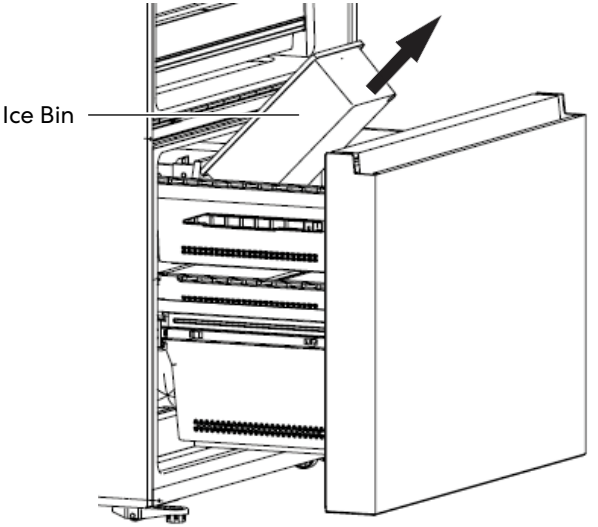
FREEZER DRAWER

Removing the Freezer Drawer

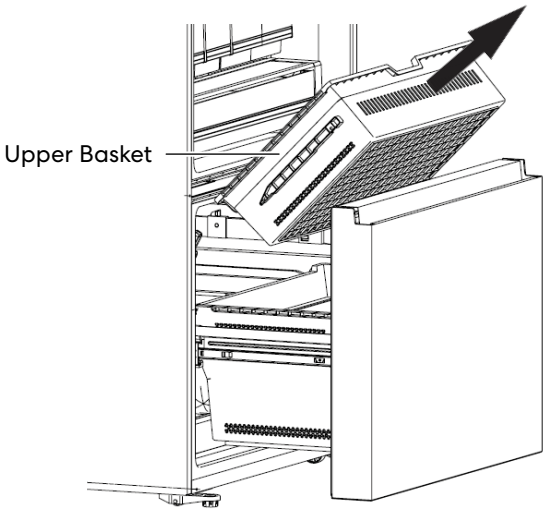
1. Pull the freezer drawer open to full extension.



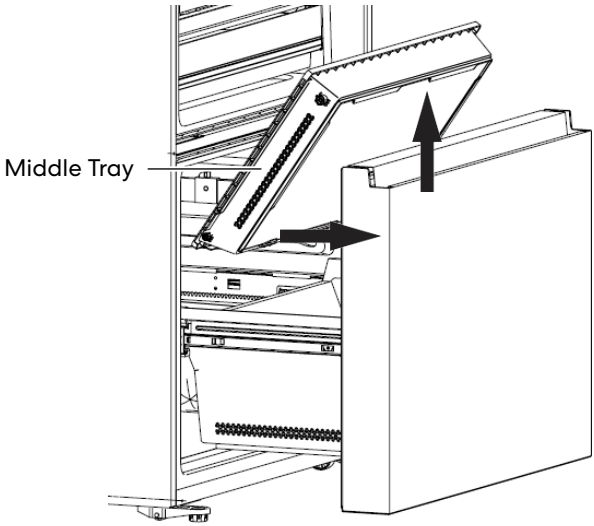
2. If equipped, remove the ice bin.



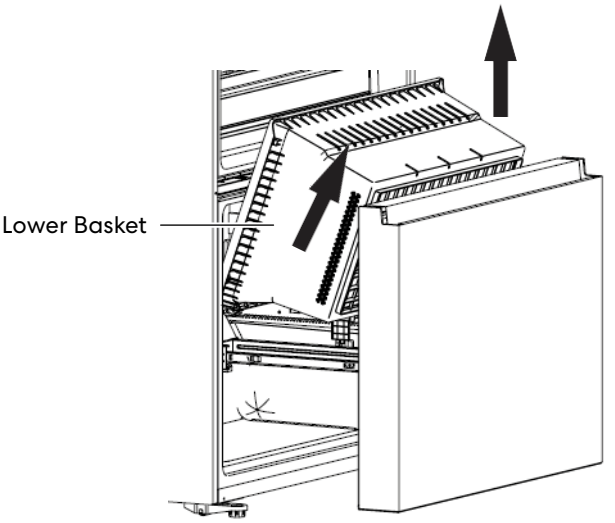
3. Pull out the upper basket. Lift the front of the basket up and pull it straight out.



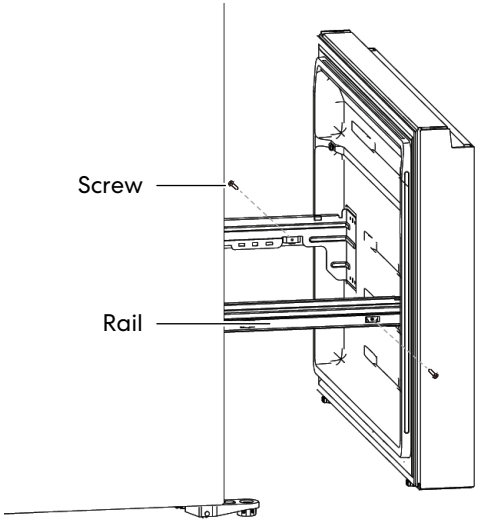
4. Pull out the middle tray. Lift the front of the tray up and pull it straight out.



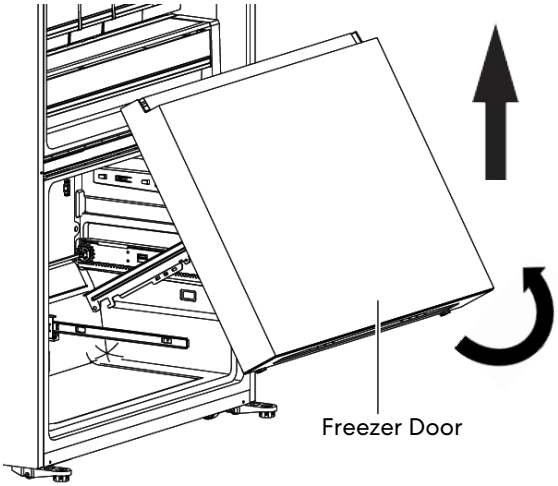
5. Lift the front of the lower basket up and pull it straight out.



6. Remove the screw on each side of the rail.



7. Grip both sides of the freezer door, lift and remove it.



Assembling the Freezer Drawer

- Follow the removal instructions in reverse order to assemble the freezer drawer.

CONNECTING TO THE HOUSE WATER LINE

BEFORE BEGINNING

⚠ WARNING

- Connect to potable water supply only.
- A cold water supply is required for automatic icemaker operation.
- The water pressure must be between 30 - 100 psi (207 - 700 kPa). Operation outside the water pressure range may cause malfunction, severe and damaging water leaks.
- If the refrigerator is installed in an area with low water pressure (below 30 psi or 207 kPa), you can install a booster pump to compensate for the low pressure.

⚠ WARNING  **ELECTRIC SHOCK HAZARD**

- Attach tubing clamp using existing hole only. DO NOT drill into the refrigerator.
- When using any electrical device (such as a power drill) during installation, be sure the device is battery-powered, double-insulated or grounded in a manner that will prevent the hazard of electric shock.

The water connection must be made by a qualified plumber. This water line installation is not covered by the refrigerator warranty. Follow these instructions carefully to minimize the risk of expensive water damage.

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

- A water line is required in order for the water dispenser and icemaker to operate properly.
- To prevent burns and product damage, only connect the refrigerator water line to a cold water supply.
- Turn the icemaker OFF if the refrigerator will be used before the water line is connected.
- Do not install the icemaker tubing in areas where the ambient temperatures fall below freezing.
- Wear eye protection during installation to prevent injury.
- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.
- Before connecting the water line to the house, purge the house line for at least 2 minutes.

WATER PRESSURE

- **Models with water filter:**

  30 - 100 psi (207 - 700 kPa)

- **Where reverse osmosis water filtration system is connected to a cold water supply:**

  40 - 60 psi (276 - 414 kPa)

NOTE:

If the water pressure to the reverse osmosis system is less than 40 - 60 psi (276 - 414 kPa):

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If the water pressure remains low, call a licensed, qualified plumber.
- All installations must be in accordance with local plumbing code requirements.

SUPPLIES NEEDED

- Copper or PEX Tubing, 1/4 in. outer diameter, to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square. To determine how much tubing you need, measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then, add 8 feet (2.4 m). Be sure there is sufficient extra tubing [about 8 feet (2.4 m) coiled into 3 turns of about 10 in. (25 cm) diameter] to allow the refrigerator to move out from the wall after installation.
- Power drill and 1/4 in. drill bit.
- 1/2 in. or adjustable wrench.
- Flat-blade and Phillips screwdrivers.
- One 1/4 in. outer diameter compression nut and one ferrule (sleeve) to connect the tubing to the shutoff valve and the refrigerator water valve.
- If your existing water line has a flared fitting at the end, purchase an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR cut off the flared fitting with a tube cutter and use a compression fitting.
- Shutoff valve to connect to the cold water line. The shutoff valve should have a water inlet with a minimum inside diameter of 5/32 in. at the point of connection to the COLD WATER LINE. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.

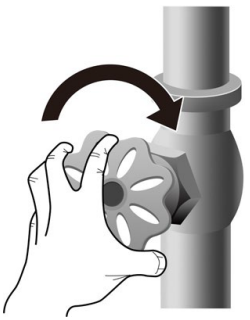
NOTE:

- A self-piercing saddle type water valve should not be used.

WATER LINE INSTALLATION INSTRUCTIONS

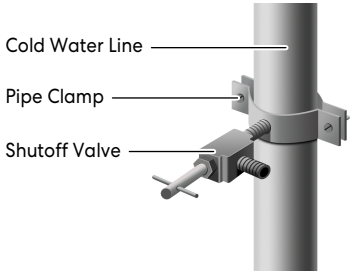
1. Shut off the main water supply.

- Then turn on the nearest faucet to relieve the pressure on the line.



2. Choose the valve location.

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



3. Drill the hole for the valve.

- Drill a 1/4" hole in the water pipe using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe. Be careful not to allow water to drain into the drill. Failure to drill a 1/4" hole may result in reduced ice production or smaller cubes.

4. Fasten the shutoff valve.

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

NOTE:

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

5. Tighten the pipe clamp.

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

NOTE:

- Do not over tighten the clamp or you may crush the tubing.

6. Route the tubing.

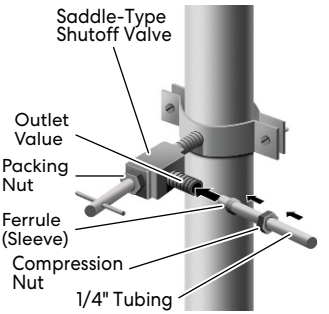
- Route the tubing between the cold water line and the refrigerator. Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent the base cabinet) as close to the wall as possible.

NOTE:

- Be sure there is sufficient extra tubing (about 8 ft. coiled into three turns of about 10 in. diameter) to allow the refrigerator to move out from the wall after installation.

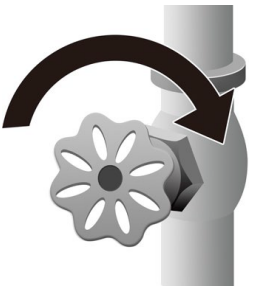
7. Connect the tubing to the valve.

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



8. Flush out the tubing.

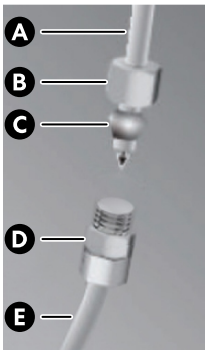
- Turn the main water supply and water shutoff valve on, and flush out the tubing until the water is clear. Shut the water off at the water shutoff valve after about one quart of water has been flushed through the tubing.



9. Connect the tubing to the refrigerator.

NOTE:

- Before making the connection to the refrigerator, be sure that the refrigerator power cord is not plugged into the wall outlet.
- Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown.
- Insert the end of the tubing into the connection as far as possible. While holding the tubing, tighten the fitting.
- Ensure that the water line does not get pinched or bent when installing.



A. 1/4" Water Line
B. Compression Nut
C. Ferrule (Sleeve)
D. Brass Fitting
E. Refrigerator Water Inlet

- Place the compression nut and ferrule (sleeve) onto the free end of the tubing
- Insert the free end of the tubing into the brass fitting of the water inlet on the back of the refrigerator.
- Slide the compression nut over the ferrule (sleeve) and secure the compression nut onto the brass fitting. Confirm the connection is secure by gently pulling on it.
- Turn the water on at the shutoff valve. Tighten any connections that leak.

⚠ CAUTION

- Check to see if leaks occur at the water line connections.

COMPLETE INSTALLATION

TURNING ON THE POWER

- Plug the refrigerator's power cord into a 3-prong grounded outlet.

NOTE:

- Turn the icemaker OFF if the refrigerator will be used before or without the water line connected.
- Connect to a rated power outlet.
- Have a certified electrician check the wall outlet and wiring for proper grounding.
- Do not damage or cut off the ground terminal of the power plug.

POSITION THE REFRIGERATOR

⚠ WARNING **EXCESSIVE WEIGHT HAZARD**

- Use two or more people to move and install the refrigerator. Failure to do so can result in back injury or other injury.
- The refrigerator is heavy. Protect the floor when moving the refrigerator for cleaning or service. Always pull the refrigerator straight out when moving it. Do not wiggle or walk the refrigerator when trying to move it, as floor damage could occur.
- The rollers, which are not casters, should be only used for forward or backward movement. Moving the refrigerator sideways may damage your floor and the rollers.

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

2. Carefully push the refrigerator into the final position.

LEVELING

The refrigerator has two front leveling legs. After moving the refrigerator to its final location, adjust the leveling legs to alter the tilt from front-to-back or side-to-side. If the refrigerator seems unsteady, or the doors do not close easily, adjust the refrigerator's tilt using the instructions below:

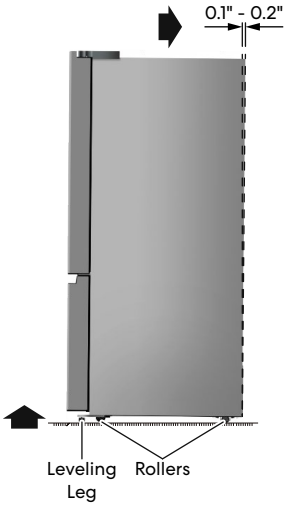
1. Turn the leveling leg to the left to raise that side of the refrigerator or to the right to lower it. It may take several turns of the leveling leg to adjust the tilt of the refrigerator.



NOTE:

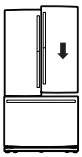
- Do not over-tighten.

2. Open both doors and check to make sure that they close easily. If the doors do not close easily, tilt the refrigerator slightly more to the rear by turning both leveling legs to the left. It may take several more turns, and be sure to turn both leveling legs the same amount.

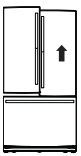


LEVEL THE REFRIGERATOR DOORS

A level refrigerator is necessary for getting the doors perfectly even. If you need help, review the previous section on leveling the refrigerator.



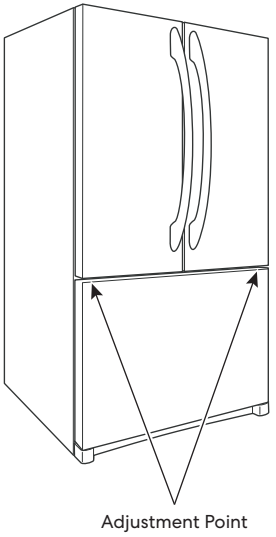
When the left door is lower than the right door.

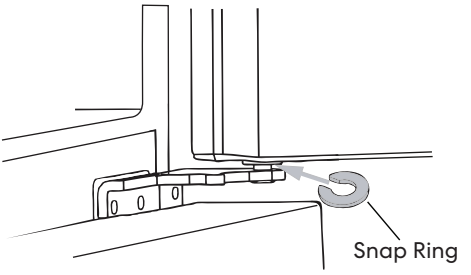


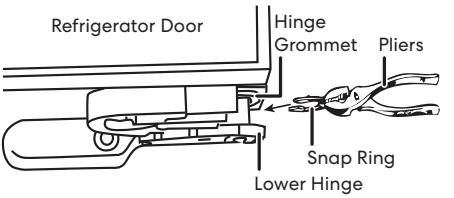
When the left door is higher than the right door.

Using Snap Rings (provided):

- With the door open, gently lift the door up.
- By hand or using pliers, insert the snap ring(s) onto the center hinge ping.
- Slowly lower the door.







START THE ICEMAKER

- The icemaker is located inside the freezer compartment.
- If the water line is connected, press the "**ICE**" button to turn the icemaker on or off. When the icemaker is turned on, the ICE icon illuminates.
- The icemaker will not begin to operate until it reaches its low operating temperature of 15°F (-9°C) or below. It will then begin operation automatically if the icemaker is turned on.

NOTE:

- Throw away the first bin full of ice after installation. This is also necessary if the refrigerator has not been used for a long time.
- The icemaker may product the first batch of ice approximately 24 hours after the appliance is initially installed.

OPERATION

BEFORE USE

- **Reserve doors and drawer(s) clearances.**

  Make sure to leave enough space to allow for the doors and drawers to be opened without obstruction for your safety and convenience.

- **Clean the refrigerator.**

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

> **⚠ CAUTION**
>
> - Do not scratch the refrigerator with a sharp object or use a detergent that contains alcohol, a flammable liquid or an abrasive when removing any tape or adhesive from the refrigerator. Remove adhesive residue by wiping it off with your thumb or dish detergent.
> - Do not peel off the model or serial number label or the technical information on the rear surface of the refrigerator.

- **Open refrigerator doors and freezer drawers to ventilate the interior.**

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

- **Connect the power supply.**

  Check if the power supply is connected before use.

- **Turn off the icemaker.**

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

- **Wait for the refrigerator to cool.**

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

  Storage of too much food after initial connection to power may adversely affect the freezing effect of the refrigerator.

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

- **The refrigerator makes a loud noise after initial operation.**

  This is normal. The volume will decrease as the temperature decreases.

ENERGY SAVING TIPS

- The appliance should be located in the coolest area of the room, away from heat producing appliances or heating ducts and out of direct sunlight.

- Let hot foods cool to room temperature before placing in the appliance. Overloading forces the compressor to run longer. Foods that freeze too slowly may lose quality or spoil.

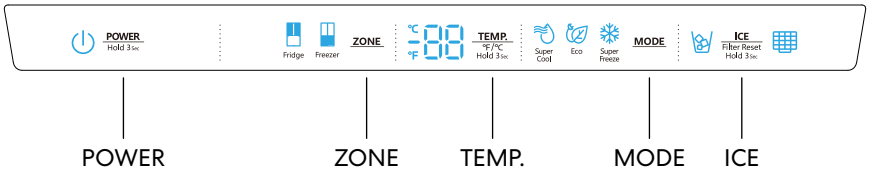
- Be sure to wrap foods properly and wipe containers dry before placing them in the appliance. This cuts down on frost build-up inside the fridge.

- Appliance storage bin should not be lined with aluminum foil, wax paper or paper towels. Liners interfere with cold air circulation making the appliance less efficient.

- Organize and label food to reduce door opening and extended searches. Remove as many items needed at one time and close the door as soon as possible.

CONTROL PANEL

CONTROL PANEL FEATURES



Buttons	Description	Icons
POWER	To turn the refrigerator cooling On or Off.	Power
ZONE	To select the fridge or freezer compartment and display the current set temperature for adjustment	Fridge
		Freezer
TEMP.	(Long Press) To change the temperature mode °F/°C.	°F/°C
	To adjust the set temperature of the selected compartment.	Display
MODE	To turn one of Super Cool, Eco, or Super Freeze modes On or Off.	Super Cool
		Eco
		Super Freeze
ICE	To turn the icemaker On or Off.	Icemaker
	(Long Press) To reset the water filter replacement icon.	Water Filter

DISPLAY

Characters	Description
"dr"	Door alarm
"--"	Power (suspend) function On
Numeric	Set temperature of the fridge/freezer
Clockwise rotating pattern	Demo Mode activated

NOTE:

- The door alarm will sound 3 times every minute for 8 minutes and "dr" will be displayed if the door remains open longer than 2 minutes.

DEMO MODE

Allows lights and control display to work normally while disabling all cooling in the refrigerator and freezer sections to save energy while the refrigerator is on the showroom floor or in a retail store. When activated, a clockwise rotating pattern is displayed on the control panel.

- Press and hold the "**POWER**" and "**ICE**" buttons at the same time for 3 seconds to activate or deactivate Demo Mode. The control panel beeps and the clockwise rotating pattern disappears to confirm that Demo Mode is deactivated.



CONTROL BUTTONS

POWER (SUSPEND)

- Turns all the refrigerator features, including water dispenser and ice maker, On or Off.
  - Press and hold the "**POWER**" button for 3 seconds to turn the power function On or Off. When the power function is on, the Power icon illuminates and "--" is displayed. **The refrigerator stops cooling and the water dispenser and the ice maker are suspended.**

ZONE

- Selects between the fridge and the freezer compartments and displays the current set temperature of the selected compartment for adjustment.
  - Press the "**ZONE**" button repeatedly to select the desired compartment. The compartment icon illuminates when it is selected, and the current set temperature is displayed.

TEMP.

- Adjusts the set temperature of the selected fridge or freezer compartment.
  - With the compartment selected using the "**ZONE**" button, press the "**TEMP.**" button repeatedly to select a new set temperature.

    Fridge temperature range: 36°F to 46°F (2°C to 8°C)

    Freezer temperature range: from -11°F to 7°F (-24°C to -14°C)

NOTE:

- The displayed temperature is the target temperature, and not the actual temperature of the refrigerator. The actual refrigerator temperature depends on the amount of food stored and placement of food inside the refrigerator, and the surrounding room temperature.
- Default and recommended fridge set temperature: 39°F (4 °C)
- Default and recommended freezer set temperature: 0°F (-18 °C)

- Changes the temperature mode from °F to °C (or vice versa).
  - Press and hold the "**TEMP.**" button for 3 seconds. The selected temperature mode icon illuminates.

MODE

- Turns one of Super Cool, Eco, and Super Freeze modes On or Off.

Super Cool 

Lowers the fridge set temperature to 36°F (2°C) for 3 hours to help cool new or large grocery loads to set temperature faster.

- To turn on Super Cool, press the "**MODE**" button repeatedly until the Super Cool icon illuminates. The display will show fridge set temperature 36°F (2°C). Super Cool will automatically turn off after 3 hours, and the fridge set temperature will revert back to the previous setting.
- To turn off Super Cool, press the "**MODE**" button repeatedly until none of the MODE icon illuminates OR select a new fridge set temperature.

Eco 

Turns on energy saving function and changes the fridge set temperature to 43°F (6°C) and the freezer set temperature to 1°F (-17°C).

- To turn on Eco, press the "**MODE**" button repeatedly until the Eco icon illuminates.
- To turn off Eco, press the "**MODE**" button repeatedly until none of the MODE icon illuminates. The fridge and the freezer set temperatures will revert back to the previous setting. Selecting a new fridge or freezer set temperature will also turn off Eco.

Super Freeze 

Lowers the freezer set temperature to -11°F (-24°C) for 52 hours to help freeze new or large grocery loads faster.

- To turn on Super Freeze, press the "**MODE**" button repeatedly until the Super Freeze icon illuminates. The freezer set temperature is lowered to -11°F (-23°C). Super Freeze will automatically turn off after 52 hours, and the freezer set temperature will revert back to the previous setting.
- To turn off Super Freeze, press the "**MODE**" button repeatedly until none of the MODE icon illuminates OR select a new freezer set temperature.

ICE

- Turns the icemaker On or Off. 
  - Press the "**ICE**" button to turn the icemaker On or Off. When the icemaker is on, the icemaker icon illuminates.

- Resets the water filter indicator icon. 
  - Press and hold the "**ICE**" button for 3 seconds to reset and turn the water filter indicator icon light off.

ICEMAKER AND WATER DISPENSER

BEFORE USING THE ICEMAKER AND WATER DISPENSER

⚠ CAUTION

- Throw away the first bin full of ice after installation. The first ice and water dispensed may include particles or odor from the water supply line or the water tank.
- This is also necessary if the refrigerator has not been used for a long time.
- Dispense and throw away 2.5 gallons of water (flush for approximately 5 minutes) after installation. Do not dispense the entire 2.5 gallon amount continuously. Press and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF. This is also necessary if the refrigerator has not been used for a long time.
- If water dispenses unexpectedly, turn off the water supply and contact the manufacturer customer service center.
- In the event of a power outage, throw away the ice stored in the ice bin.
- Do not hang on to or place heavy objects on the refrigerator's water dispenser.

NOTE:

- The water dispenser will not operate when either of the refrigerator doors is open.
- If discolored ice is produced, check the water filter and water supply. If the problem continues, contact the manufacturer customer service center or a local licensed plumber. Do not use the water or ice until the problem is corrected.
- Some dripping may occur after dispensing. Hold the cup beneath the water dispenser for a few seconds after dispensing to catch all of the drops.
- The sound of ice dropping into the ice bin is normal.
- If the ice bin is completely filled with ice, ice production will stop.

USING THE ICEMAKER

- The icemaker is located in the upper freezer compartment.
- The amount of ice produced may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, etc.).

NOTE:

- Ice cubes which are stored in the ice bin for a long time may clump together and be difficult to separate. If this happens, empty the ice bin completely and clean it before reinstalling it.

USING THE WATER DISPENSER

- Press the dispenser paddle gently with a glass or other container to dispense water.

NOTE:

- The dispenser will not operate when either of the refrigerator doors is open.

WATER CLOUDING PHENOMENON

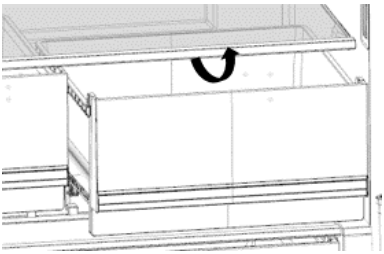
All water provided to the refrigerator flows through an alkaline water filter. In the filtering process, the pressure of the water that has flowed out of the filter is increased, and the water becomes saturated with oxygen and nitrogen. When water flows out into the air, the pressure plummets and the oxygen and nitrogen get supersaturated, which results in gas bubbles. The water may temporarily look misty or cloudy due to these oxygen bubbles. After a few seconds, the water will look clear.

CRISPERS

The crispers provide fresher tasting fruit and vegetables by keeping moist air in the crisper drawer.

Removing/Assembling the Crispers

- To remove the crisper, pull out the crisper to full extension, lift the front up, and pull straight out.
- To reassemble the crisper, slightly tilt up the front, insert the crisper into the frame and push it back into place.



Removing/Assembling the Crisper Cover

- To remove the crisper cover, lift the front of the cover up with both hands until it detaches from the back wall of the cabinet, then pull it out.
- To reassemble the crisper, insert the cover into the refrigerator with both hands and lower it onto the guides.

FULL-WIDTH DRAWER

This drawer can be used for large party trays, deli items and beverages. This drawer should not be used to store vegetables that require high humidity.

⚠ CAUTION

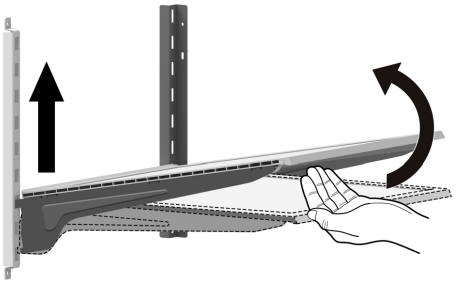
- Do not place any items on the full-width drawer cover.

REFRIGERATOR SHELVES

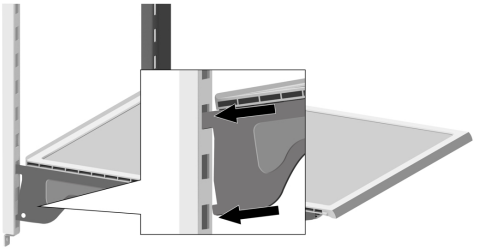
The shelves in the refrigerator are adjustable to meet individual storage needs. Adjusting the shelves to fit items of different heights will make finding the exact item you want easier.

Detaching/Assembling the Shelf

- To detach, tilt up the front of the shelf and lift the shelf straight up.



- To assemble, tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.

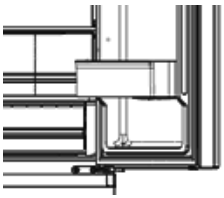


DOOR BINS

The door bins are removable for easy cleaning and adjustment.

Detaching/Assembling the Door Bin

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



MAINTENANCE & CARE

GENERAL CLEANING

⚠ WARNING

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

⚠ CAUTION

- Do not use sharp objects to clean as they can scratch the surface.
- Do not use an abrasive cloth or sponge when cleaning the interior and exterior of the refrigerator.

- Clean the dust on top, behind, and under the refrigerator regularly.
- Wipe up spills immediately.
- Unplug the refrigerator or disconnect power before cleaning.
- Remove all removable parts, such as shelves.
- Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.

EXTERIOR

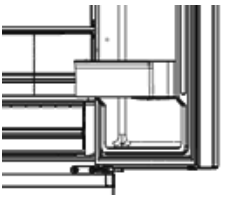
- For products with a standard stainless steel exterior, use a damp microfiber cloth and rub in the direction of the grain. Dry with a paper towel to avoid streaks.
- For stubborn stains and fingerprints, use a few drops of liquid dish soap in water, and rinse with hot water before drying. Do not use abrasive or harsh cleaners.

INSIDE WALLS

- To help remove odors, use a clean sponge or soft cloth to wipe the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons of baking soda to 1 quart of water (26 g soda to 1 liter water.) Be sure the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

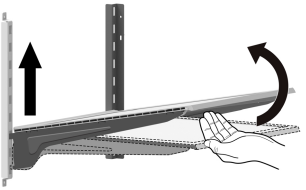
DOOR BINS

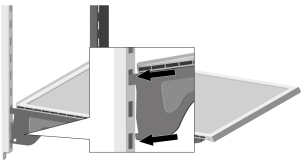
- Remove all items from door bin, then lift the bin up and pull straight out.
- Hand wash door bin and install back in place or adjust height as desired.



SHELVES

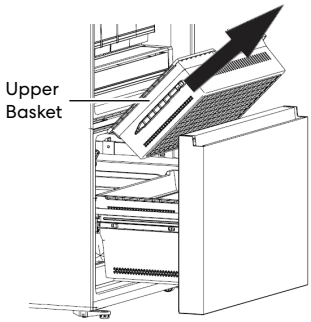
- To remove shelf, grab the front side, tilt up until the lower rear hook is removed from the support track, then lift and pull shelf out.
- Hand wash using a clean sponge or soft cloth and a mild detergent in warm water. Do not use glass cleaners, abrasive cleansers, or flammable fluids. These can scratch or damage the material.
- To replace shelf, insert the upper rear hook in a slot of the support track while tilting the front side of the shelf up, then lower the front side and insert the lower rear hook to lock the shelf in place.





FREEZER BASKETS

- To remove the basket, lift the front of basket up and pull it straight out.
- Allow basket to warm up so the cloth will not stick.
- Refer to "Inside Walls" section above for cleaning suggestions.
- To replace the basket, lift the front of basket up and align the basket with the rails on both sides and gently close the drawer.



DOOR LINERS AND GASKETS

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

WATER FILTER

- Replace the water filter:
  - Approximately every six months.
  - When the water filter replacement icon turns on.
  - When the water dispenser output decreases.

- To purchase a replacement water filter:
  - Visit www.cosmoappliances.com or reference the contact information at the end of this manual.

⚠ CAUTION

- It is strongly recommended that you use manufacturer authorized water filters to prevent water quality issues, water leakage and appliance malfunction.

BEFORE REPLACING THE WATER FILTER

⚠ WARNING

- To reduce the risk associated with the ingestion of contaminants, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- Use of unauthorized water filters may result in product malfunction, water leakage or water quality issues, which will not be covered under the product warranty.

⚠ CAUTION

- Read and follow Use Instructions before installation and use of this system.
- Installation and use MUST comply with all state and local plumbing codes.
- Do not install if water pressure exceeds 120 psi (827 kPa). If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Contact a plumber if uncertain how to check your water pressure.
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100 °F (37.8 °C).
- Protect filter from freezing. Drain filter when temperatures drop or are expected to drop below 40 °F (4.4 °C).
- The disposable filter cartridge MUST be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.

REPLACING THE WATER FILTER

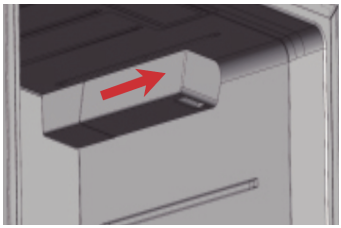
Removing the Old Filter

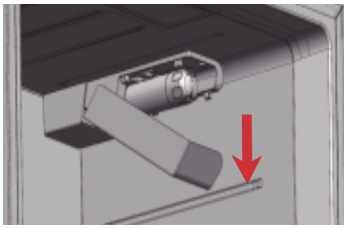
1. Shut off the water supply.

   NOTE: Before removing the old filter, place a cloth beneath the filter to catch the few drops of water that may fall when the filter is removed.

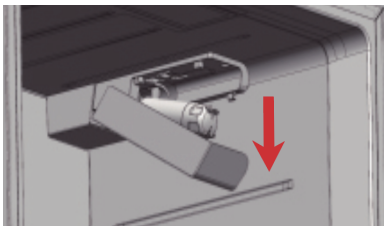
2. Pull the filter cover by the handle at the bottom to unlock and open the cover.

   NOTE: If the top shelf, which is located below the water filer, is in the highest position, it will need to be lowered or removed temporarily.



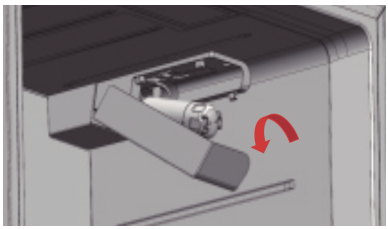


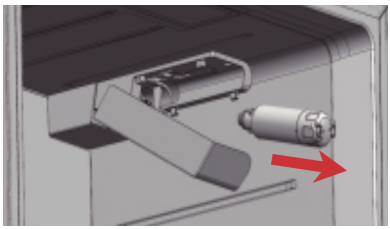
3. Pull the water filter downward.



4. Turn the water filter counter-clockwise (about 90°) to pull it out.

   NOTE: Make sure to rotate the filter down completely before pulling it out of the manifold hole, and keep the filter head tilted upward to avoid spilling the remaining water inside the filter. Clean any water drops spilled on the cover.

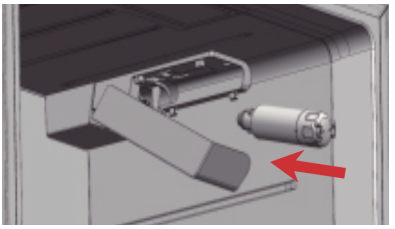


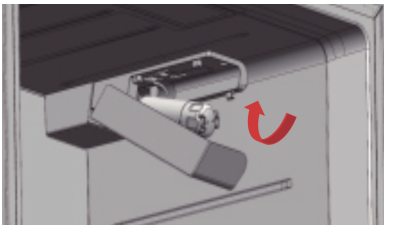


Installing a New Filter

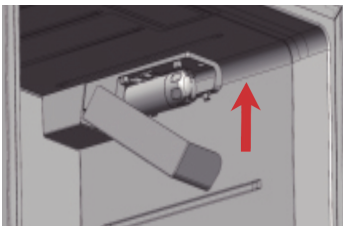
1. Take a new water filter out of its packaging and remove any protective film or wrap.

2. Insert the new water filter into the manifold hole and slowly turn it clockwise (about 90°) until it stops turning.

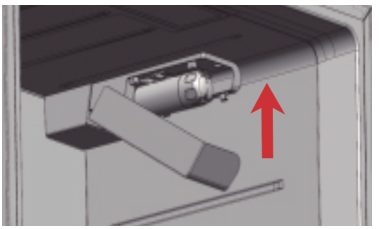


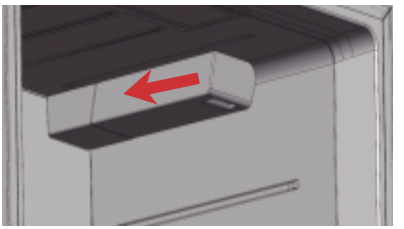


3. Push the water filter up into place.



4. Push the filter cover up and push it in to lock and close the cover.





5. Turn on the water supply.

Removing Trapped Air

1. After the filter has been replaced, trapped air must be purged out of the system. Press the water dispenser pad until water begins to flow.

   NOTE: The first few ounces of water may sputter due to air in the replacement filter. This is normal.

2. Continue to dispense approximately 2 gallons of water with sequences of 30 seconds dispensing and 60 seconds waiting to make sure all air is purged from the system. Do not dispense the entire 2 gallons of water continuously.

Resetting the Water Filter Indicator

1. After trapped air is purged from the water system, press and hold the "**ICE**" button for 3 seconds to reset and turn off the water filter indicator icon light.

COMPARTMENT LED LIGHT

REPLACING THE LED LIGHT

Service should be performed by a qualified technician.

Replacing the LED Light

1. Unplug the refrigerator.
2. Lift and pull out the light cover.
3. Press and hold the connector latch, and pull out the LED light.
4. Install a replacement LED light on the connector.
5. Replace the light cover.

DEFROSTING

The refrigerator defrosts automatically, but frost may still form with change of season or temperature. Unplug the refrigerator or disconnect power and wipe clean with a dry towel.

POWER FAILURE

In case of power failure, foods inside the refrigerator can be kept for several hours. During the power failure, minimize opening the doors and do not place any fresh food inside until power is restored.

EXTENDED PERIODS OF NON-USE

The appliance should be unplugged and then cleaned; the doors should be left open to prevent odor buildup.

MOVING

- Before the refrigerator is moved, take all objects out of the inside, fix the glass partitions, vegetable holder, freezer drawers, etc. with tape and tighten the leveling feet.
- Close the doors and seal them with tapes.
- During move, do not lay the appliance upside down or horizontally or subject it to excessive vibration. Do not allow it to stand inclined more than 45° during move.
- Handle only from the sides of the refrigerator.
- Be sure the refrigerator stays in an upright position during moving.

PREPARING FOR VACATION

- Remove food from the refrigerator.
- Empty ice bucket.
- Turn off the icemaker.
- Unplug the refrigerator or disconnect power.
- Turn off water supply.
- Clean the refrigerator. (Refer to the "General Cleaning" section.)
- Leave the doors and drawers open.
- Upon returning from vacation, turn on water supply and run 2 gallons of water through the cold water dispenser (about 5 minutes) to flush the water lines.

NOTE:

- The ice bin should be emptied any time the icemaker is turned off.
- If the ambient temperature will drop below freezing, have a qualified technician drain the water supply system to prevent serious property damage due to flooding caused by ruptured water lines or connections.

TROUBLESHOOTING

BEFORE CALLING FOR SERVICE

Save time and money! Review this section on the following pages first and you may not need to call for service.

Problem	Possible Cause & Solution
Refrigerator is not cooling or has no power.	**A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped.** • Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician. • Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.
	Refrigerator is in the defrost cycle. • During the defrost cycle, the temperature of each compartment may rise slightly. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.
	Refrigerator was recently installed. • It may take up to 24 hours for each compartment to reach the desired temperature.
	Refrigerator was recently relocated. • If the refrigerator was stored for a long period of time or moved on its side, it is necessary for the refrigerator to stand upright for 24 hours before connecting it to power.

Problem	Possible Cause & Solution
Cooling system runs too much.	**Refrigerator is replacing an older model.** • Modern refrigerators require more operating time but use less energy due to more efficient technology.
	Refrigerator was recently plugged in or power restored. • The refrigerator will take up to 24 hours to cool completely.
	The door is opened often or a large amount of food / hot food was added. • Adding food and opening the door warms the refrigerator, requiring the compressor to run longer in order to cool the refrigerator back down. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed.
	Doors are not closed completely. • Firmly push the doors shut.
	Refrigerator is installed in a hot location. • The compressor will run longer under warm conditions. At normal room temperatures (70°F or 21 °C) expect your compressor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110 °F (43 °C).

Problem	Possible Cause & Solution
Interior moisture buildup.	**Doors are opened often or for long periods of time.** • When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Doors are not always closed completely. • Firmly push the doors shut.
	Weather is humid. • Humid weather allows additional moisture to enter the compartments when the doors are opened leading to condensation or frost. Maintaining a reasonable level of humidity in the home will help to control the amount of moisture that can enter the compartments.
	Defrost cycle recently completed. • During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm that the proper temperature has been restored once the defrost cycle has completed.
	Food is not packaged correctly. • Food stored uncovered or unwrapped, and damp containers can lead to moisture accumulation within each compartment. Wipe all containers dry and store food in sealed packaging to prevent condensation and frost.

Problem	Possible Cause & Solution
Food is freezing in the refrigerator compartment.	**Food with high water content was placed near an air vent.** • Rearrange items with high water content away from air vents.
	Refrigerator temperature control is set incorrectly. • If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize.
	Refrigerator is installed in a cold location. • When the refrigerator is operated in temperature below 41 °F (5 °C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55 °F (13 °C).
Refrigerator or Freezer section is too cold.	**Incorrect temperature control settings.** • If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize.
Frost or ice crystals form on frozen food (inside of sealed package).	**Condensation from food with a high water content has frozen inside of the food package.** • This is normal for food items with a high water content.
	Food has been left in the freezer for a long period of time. • Do not store food items with high water content in the freezer for a long period of time.
Frost or ice crystals form on frozen food (outside of package).	**Door is opened frequently or for long periods of time.** • When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. Increased moisture will lead to frost and condensation. To lessen the effect, reduce the frequency and duration of door openings.
	Doors are not always closed completely. • Firmly push the doors shut.

Problem	Possible Cause & Solution
Refrigerator or Freezer section is too warm.	**Refrigerator was recently installed.** • It may take up to 24 hours for each compartment to reach the desired temperature.
	The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections. • Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Rearrange items to allow air to flow throughout the compartment.
	Doors are opened often or for long periods of time. • When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Unit is installed in a hot location. • The refrigerator should not be operated in temperatures above 110 °F (43 °C).
	A large amount of food or hot food was added to either compartment. • Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors are not always closed completely. • Firmly push the doors shut.
	Temperature control is not set correctly. • If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize.

Problem	Possible Cause & Solution
Icemaker is not making enough ice.	**House water supply is not connected, valve is not turned on fully, or valve is clogged.** • Connect the refrigerator to a cold water supply with adequate pressure and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.
	Water filter has been exhausted on models with a water filter. • Replacing the water filter is recommended: - Approximately every six months. - When the water filter indicator turns on. - When the water dispenser output decreases. - When the ice cubes are smaller than normal.
	Low house water supply pressure. • The water pressure must be between 30 - 100 psi (207 - 700 kPa) on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
	Tubing connecting refrigerator to house supply valve is kinked. • The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
	Doors are opened often or for long periods of time. • If the doors of the unit are opened often, ambient air will warm the refrigerator which will prevent the unit from maintaining the set temperature. Lowering the refrigerator temperature can help, as well as not opening the doors as frequently.
	Doors are not always closed completely. • If the doors are not properly closed, ice production will be affected.

Problem	Possible Cause & Solution
Icemaker is not making ice.	**Refrigerator was recently installed or icemaker recently connected.** • It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice.
	Icemaker is not turned on. • Locate the icemaker ON/OFF and confirm that it is turned on.
	The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on. • Connect the refrigerator to the water supply and turn the water shutoff valve fully open.
	Reverse osmosis water filtration system is connected to your cold water supply. • Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues.

Problem	Possible Cause & Solution
Ice has bad taste or odor.	**Water supply contains minerals such as sulfur.** • A water filter may need to be installed to eliminate taste and odor problems. NOTE: In some cases, a filter may not help. It may not be possible to remove all minerals/odor/taste in all water supplies.
	Icemaker was recently installed. • Ice that has been stored for too long will shrink, become cloudy, and may develop a stale taste. Throw away old ice and make a new supply.
	The food has not been stored properly in either compartment. • Rewrap the food. Odors may migrate to the ice if food is not wrapped properly.
	The interior of the refrigerator needs to be cleaned. • See the Maintenance & Care section for more information.
	The ice storage bin needs to be cleaned. • Empty and wash the bin (discard old cubes). Make sure that the bin is completely dry before reinstalling it.
Doors are difficult to open.	**The gaskets are dirty or sticky.** • Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	Door was recently closed. • When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait one minute to allow the air pressure to equalize, then see if it opens more easily.

Problem	Possible Cause & Solution
Refrigerator wobbles or seems unstable.	**Leveling legs are not adjusted properly.** • Refer to the Leveling and Door Alignment section.
	Floor is not level. • It may be necessary to add shims under the leveling legs or rollers to complete installation.
Lights do not work.	**LED interior lighting failure.** • The refrigerator compartment lamp is LED interior lighting, and service should be performed by a qualified technician.
Refrigerator has an unusual odor.	**Food is not tightly wrapped.** • Wrap odorous food tightly. • Store food in sealed packaging. • Check whether there is any rotten food.
	The refrigerator needs to be cleaned. • Refer to the "General Cleaning" section.
The interior of the refrigerator is covered with dust or soot.	**The refrigerator is located near a fire source, such as a fireplace, chimney, or candle.** • Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney or candle.
Rattling noises.	**Rattling noises may come from the flow of refrigerant, the water line on the back of the unit, or items stored on top of or around the refrigerator.** • Normal Operation
	Refrigerator is not resting solidly on the floor. • Floor is weak or uneven or leveling legs need to be adjusted.
	Refrigerator with linear compressor was jarred while running. • Normal Operation

Problem	Possible Cause & Solution
Whooshing noises.	**Evaporator fan motor is circulating air through the refrigerator and freezer compartments.** • Normal Operation
	Air is being forced over the condenser by the condenser fan. • Normal Operation
Gurgling noises.	**Refrigerant flowing through the cooling system.** • Normal Operation
Popping noises.	**Contraction and expansion of the inside walls due to changes in temperature.** • Normal Operation
Sizzling noises.	**Water dripping on the defrost heater during a defrost cycle.** • Normal Operation
Vibrating noises.	**If the side or back of the refrigerator is touching a cabinet or wall, some of the normal vibrations may make an audible sound.** • To eliminate the noise, make sure that the sides and back cannot vibrate against any wall or cabinet.
Dripping noises.	**Water running into the drain pan during the defrost cycle.** • Normal Operation
Pulsating or high-pitched sound	**Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature. The high efficiency compressor may cause your new refrigerator to run longer than your old one, but it is still more energy efficient than previous models. While the refrigerator is running, it is normal to hear a pulsating or high-pitched sound.** • Normal Operation

LIMITED WARRANTY

WARRANTY AND SERVICE

TO RECEIVE WARRANTY SERVICE, YOUR PRODUCT MUST BE REGISTERED.
TO REGISTER AND REVIEW FULL WARRANTY DETAILS, VISIT:

WWW.COSMOAPPLIANCES.COM/WARRANTY

SCAN TO REGISTER

CUSTOMER SUPPORT

TO CHAT WITH US LIVE FOR ASSISTANCE, VISIT:

WWW.COSMOAPPLIANCES.COM/CHAT

SCAN TO CHAT

IMPORTANT

Do Not Return This Product To The Store

If you have a problem with this product, please contact COSMO Customer Support at

+1 (888) 784-3108

DATED PROOF OF PURCHASE, MODEL #, AND SERIAL # REQUIRED FOR WARRANTY SERVICE.

IMPORTANT

Ne pas Réexpédier ce Produit au Magasin

Pour tout problème concernant ce produit, veuillez contacter le service des consommateurs Cosmo Customer Support au

+1 (888) 784-3108

UNE PREUVE D'ACHAT DATEE EST REQUISE POUR BENEFICIER DE LA GARANTIE.

IMPORTANTE

No regrese este producto a la tienda

Si tiene algún problema con este producto, por favor contacte el ayuda al cliente COSMO al

+1 (888) 784-3108

(Válido solo en E.U.A.)

NECESITA UNA PRUEBA DE DE COMPRA FECHADA, NÚMERO DE MODELO Y DE SERIE PARA EL SERVICIO DE LA GARANTÍA.



Correct Disposal of this product:

This marking indicates that this appliance should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

MEMO

MEMO



Cosmo is constantly making efforts to improve the quality and performance of our products, so we may make changes to our appliances without updating this manual.

Electronic version of this manual is available at:
www.cosmoappliances.com