



REFRIGERATOR INSTALLATION AND USER INSTRUCTIONS

THANK YOU for purchasing this high-quality product. If you should experience a problem not covered in TROUBLESHOOTING or PROBLEM SOLVER, please call us at **1-866-664-2449**.

You will need your model and serial number, located on the inside wall of the refrigerator compartment.

For warranty concerns, do not take the appliance back to the store. Please contact us in the U.S.A. or Canada at **1-866-664-2449**.

This product features a Limited Warranty - See the "Warranty" section for complete details. IKEA® appliances carry a 5-year warranty (excludes LAGAN family - see warranty for coverage details).

NOTE: Proof of Purchase is required to obtain warranty service.

Para obtener acceso a "Instrucciones para el usuario del refrigerador" en español, o para obtener información adicional acerca de su producto, visite: www.whirlpool.com.

Necesitará su número de modelo y de serie, ubicado en el interior del compartimiento del refrigerador.

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REFRIGERATOR SAFETY

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 "DANGER" or "WARNING."

These words mean:

⚠ DANGER

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

⚠ WARNING

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

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.

IMPORTANT SAFETY INSTRUCTIONS

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

- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Disconnect power before servicing.
- Replace all parts and panels before operating.
- Remove doors from your old refrigerator.
- Connect to a potable water supply only.
- Use nonflammable cleaner.
- Keep flammable materials and vapors, such as gasoline, away from refrigerator.
- Use two or more people to move and install refrigerator.
- Disconnect power before installing ice maker (on ice maker kit ready models only).
- Use a sturdy glass when dispensing ice (on some models).
- Do not hit the refrigerator glass doors (on some models).
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

SAVE THESE INSTRUCTIONS

State of California Proposition 65 Warnings:

WARNING: This product contains one or more chemicals known to the State of California to cause cancer.

WARNING: This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

Proper Disposal of Your Old Refrigerator

⚠️ WARNING

Suffocation Hazard

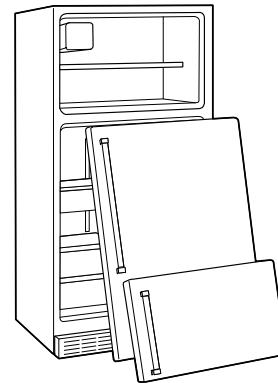
Remove doors from your old refrigerator.

Failure to do so can result in death or brain damage.

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 these instructions to help prevent accidents.

Before You Throw Away Your Old Refrigerator or Freezer:

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



Important information to know about disposal of refrigerants:

Dispose of refrigerator in accordance with Federal and Local regulations. Refrigerants must be evacuated by a licensed, EPA certified refrigerant technician in accordance with established procedures.

INSTALLATION INSTRUCTIONS

Unpack the Refrigerator

⚠️ WARNING

Excessive Weight Hazard

Use two or more people to move and install refrigerator.

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

When Moving Your Refrigerator:

Your refrigerator is heavy. When moving the refrigerator for cleaning or service, be sure to cover the floor with cardboard or hardboard to avoid floor damage. 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.

Remove the Packaging

IMPORTANT: Do not remove the white foam air return insert from behind the control panel on the ceiling of the refrigerator. If the insert is removed, ice may migrate down from the freezer and cause icicles to form.

- Remove tape and glue residue from surfaces before turning on the refrigerator. Rub a small amount of liquid dish soap over the adhesive with your fingers. Rinse with warm water and dry with a soft cloth.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator. For more information see “Refrigerator Safety.”

Clean Before Using

After you remove all of the package materials, clean the inside of your refrigerator before using it. See the cleaning instructions in “Refrigerator Care.”

Important information to know about glass shelves and covers:

Do not clean glass shelves or covers with warm water when they are cold. Shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping. Tempered glass is designed to shatter into many small, pebble-size pieces. This is normal. Glass shelves and covers are heavy. Use both hands when removing them to avoid dropping.

Location Requirements

⚠ WARNING



Explosion Hazard

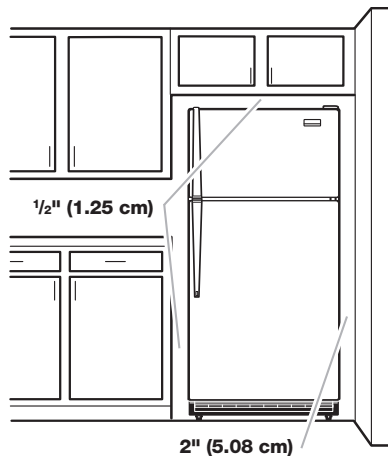
Keep flammable materials and vapors, such as gasoline, away from refrigerator.

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

IMPORTANT: This refrigerator is designed for indoor household use only.

To ensure proper ventilation for your refrigerator, allow for ½" (1.25 cm) of space on each side and at the top. Allow for 1" (2.54 cm) of space behind the refrigerator. If your refrigerator has an ice maker, allow extra space at the back for the water line connections. When installing your refrigerator next to a fixed wall, leave a 2" (5.08 cm) minimum space on the hinge side (some models require more) to allow the door to swing open.

NOTE: This refrigerator is intended for use in a location where the temperature ranges from a minimum of 55°F (13°C) to a maximum of 110°F (43°C). The preferred room temperature range for optimum performance, which reduces electricity usage and provides superior cooling, is between 60°F (15°C) and 90°F (32°C). It is recommended that you do not install the refrigerator near a heat source, such as an oven or radiator.



Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Before you move your refrigerator into its final location, it is important to make sure you have the proper electrical connection.

Recommended Grounding Method

A 115-volt, 60 Hz, AC-only, 15- or 20-amp fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

NOTE: Before performing any type of installation or cleaning, or removing a light bulb, turn cooling off or turn the control (Thermostat, Refrigerator, or Freezer control, depending on the model) to OFF, and then disconnect the refrigerator from the electrical source. When you are finished, reconnect the refrigerator to the electrical source and turn cooling on or reset the control (Thermostat, Refrigerator, or Freezer control, depending on the model) to the desired setting. See "Using the Controls" in the User Instructions, User Guide, or Use & Care Guide.

Water Supply Requirements

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

TOOLS NEEDED:

- Flat-blade screwdriver
- 1/4" nut driver
- 7/16" and 1/2" open-end or two adjustable wrenches
- 1/4" drill bit
- Cordless drill

NOTE: Your refrigerator dealer has a kit available with a 1/4" (6.35 mm) saddle-type shut-off valve, a union, and copper tubing. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes. Do not use a piercing-type or 3/16" (4.76 mm) saddle valve which reduces water flow and clogs more easily.

IMPORTANT:

- All installations must meet local plumbing code requirements.
- Use copper tubing and check for leaks. Install copper tubing only in areas where the household temperatures will remain above freezing.

Water Pressure

A cold water supply with water pressure of between 30 and 120 psi (207 and 827 kPa) is required to operate the water dispenser and ice maker. If you have questions about your water pressure, call a licensed, qualified plumber.

Reverse Osmosis Water Supply

IMPORTANT: The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 30 and 120 psi (207 and 827 kPa).

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

If the water pressure to the reverse osmosis system is less than 40 to 60 psi (276 to 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 you have questions about your water pressure, call a licensed, qualified plumber.

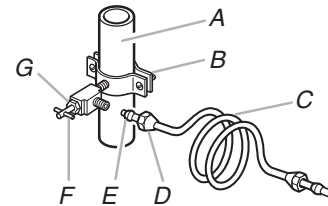
Connect the Water Supply

Read all directions before you begin.

IMPORTANT: If you turn the refrigerator on before the water line is connected, turn the ice maker off.

Connect to Water Line

1. Unplug refrigerator or disconnect power.
2. Turn off main water supply. Turn on nearest faucet long enough to clear line of water.
3. Locate a 1/2" to 1 1/4" (1.25 cm to 3.18 cm) vertical cold water pipe near the refrigerator.
IMPORTANT:
 - Make sure it is a cold water pipe.
 - Horizontal pipe will work, but drill on the top side of the pipe, not the bottom. This will help keep water away from the drill and normal sediment from collecting in the valve.
4. Determine the length of copper tubing you need. Measure from the connection on the lower left rear of refrigerator to the water pipe. Add 7 ft (2.1 m) to allow for cleaning. Use 1/4" (6.35 mm) O.D. (outside diameter) copper tubing. Be sure both ends of copper tubing are cut square.
5. Using a cordless drill, drill a 1/4" hole in the cold water pipe you have selected.



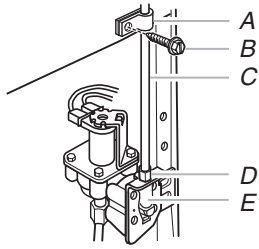
- A. Cold water pipe
- B. Pipe clamp
- C. Copper tubing
- D. Compression nut
- E. Compression sleeve
- F. Shut-off valve
- G. Packing nut

6. Fasten the shut-off valve to the cold water pipe with the pipe clamp. Be sure the outlet end is solidly in the 1/4" drilled hole in the water pipe and that the washer is under the pipe clamp. Tighten the packing nut. Tighten the pipe clamp screws slowly and evenly so washer makes a watertight seal. Do not overtighten or you may crush the copper tubing.
7. Slip the compression sleeve and compression nut on the copper tubing as shown. Insert the end of the tubing into the outlet end squarely as far as it will go. Screw compression nut onto outlet end with adjustable wrench. Do not overtighten.
8. Place the free end of the tubing in a container or sink, and turn on the main water supply. Flush the tubing until water is clear. Turn off the shut-off valve on the water pipe. Coil the copper tubing.

Connect to Refrigerator

1. Unplug refrigerator or disconnect power.
2. Attach the copper tubing to the valve inlet using a compression nut and sleeve as shown. Tighten the compression nut. Do not overtighten.
3. Use the tube clamp on the back of the refrigerator to secure the tubing to the refrigerator as shown. This will help avoid damage to the tubing when the refrigerator is pushed back against the wall.
4. Turn shut-off valve on.

5. Check for leaks. Tighten any connections (including connections at the valve) or nuts that leak.



A. Tube clamp
B. Tube clamp screw
C. Copper tubing
D. Compression nut
E. Valve inlet

6. The ice maker is equipped with a built-in water strainer. If your water conditions require a second water strainer, install it in the 1/4" (6.35 mm) water line at either tube connection. Obtain a water strainer from your nearest appliance dealer.

Complete the Installation

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

1. Plug into a grounded 3 prong outlet.

NOTE: Allow 24 hours to produce the first batch of ice. Discard the first three batches of ice produced. Allow 3 days to completely fill ice container.

Refrigerator Doors

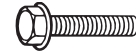
Depending on the width of your doorway, you may need to remove the doors to move the refrigerator into your home. Also, the door hinges are factory installed on the right-hand side. If you want the door to open from the other direction, you must reverse the door swing.

IMPORTANT:

- Before you begin, turn the refrigerator control off. Unplug refrigerator or disconnect power. Remove food and adjustable door or utility bins from doors.
- If you are only removing and replacing the doors, see the "Remove Doors and Hinges" and "Replace Doors and Hinges" sections.
- All graphics referenced in the following instructions are included later in this section after "Final Steps."

Tools Needed: 5/16" hex-head socket wrench, 5/16" open-end wrench, #2 Phillips screwdriver, flat 2" putty knife, flat-blade screwdriver

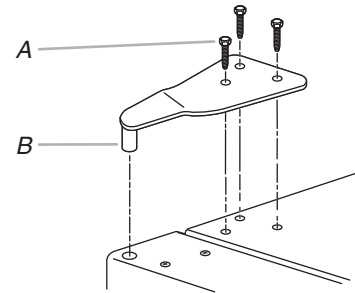
Remove Doors and Hinges



5/16" Hex-Head Hinge Screw

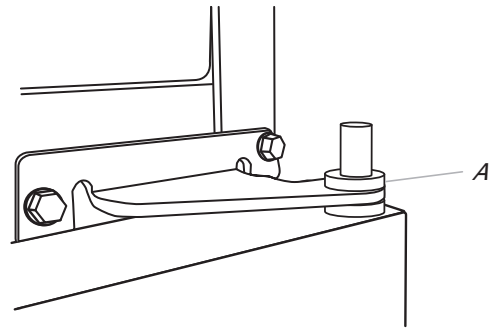
1. Unplug refrigerator or disconnect power.
2. Using a hex-head socket wrench, remove the three 5/16" hex-head hinge screws from the top hinge and lift up to remove the hinge.

NOTE: Provide additional support for the doors while the hinges are being moved. Do not depend on the door magnets to hold the doors in place while you are working.



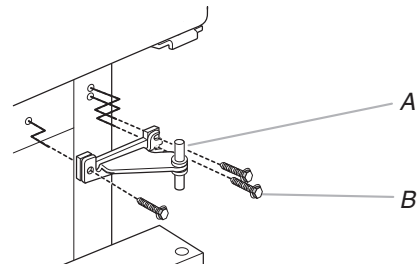
A. 5/16" Hex-head hinge screws
B. Top hinge pin

3. Lift the freezer door off of the center hinge and set it aside.
4. Remove the washer from the top of the center hinge pin.



A. Washer

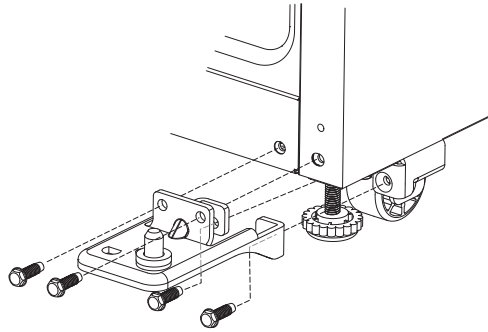
5. Using a hex-head socket wrench and an open-end wrench, remove the three screws from the center hinge and remove the hinge. Set aside.



A. Center hinge
B. 5/16" hex-head hinge screws

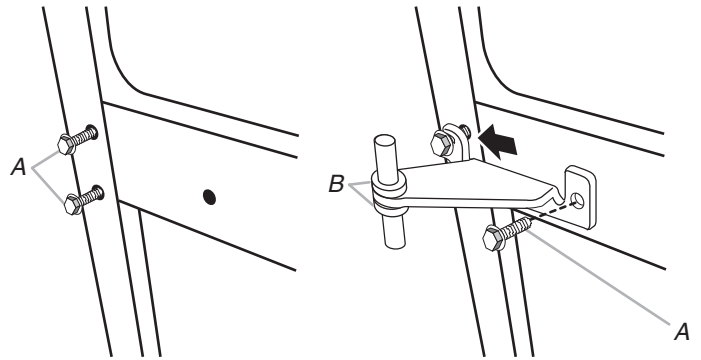
6. Remove the washer from the bottom of the center hinge pin.
7. Lift the refrigerator door from the bottom hinge, and set aside.

- Using a hex-head socket wrench, remove the four $\frac{5}{16}$ " hex-head hinge screws from the bottom hinge and pull the hinge from the bottom of the refrigerator door.



- Once the refrigerator door is in place, slide the center hinge from the right onto the screws, insert the third screw, and then tighten all screws completely.

NOTE: Make sure the washers are in place on both the top and bottom pins of the center hinge.



A. $\frac{5}{16}$ " hex-head hinge screws
B. Washers

Reverse Doors (optional)

IMPORTANT: If you want to reverse your doors so that they open in the opposite direction, follow these steps. If you are not reversing the doors, see "Replace Doors and Hinges."

Graphics follow these instructions.



Door Stop Screw



Door Hinge Hole Plug



Dome Cap



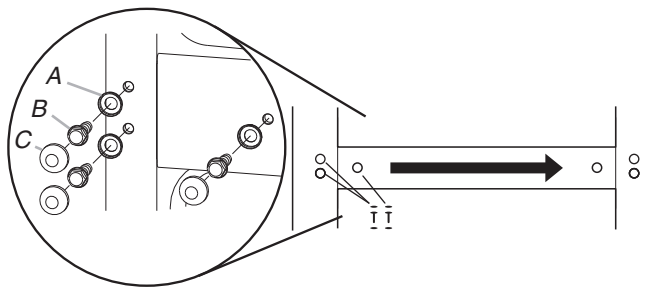
Cabinet Hinge Hole Plug



Dome Cap Washer

Reverse Center Hinge

- Remove the three dome caps and screws from the handle side and use them to fill the holes created when the hinge screws were removed.



A. Dome cap washers
B. Hex-head hinge screws

C. Dome caps

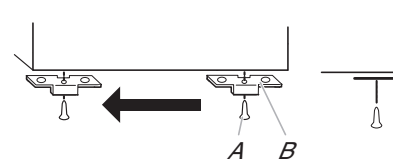
- Using the three $\frac{5}{16}$ " hex-head hinge screws, removed in Step 1, insert two screws halfway into the holes, leaving space to insert the Center Hinge.

Reverse Freezer Door

- Remove the three cabinet hole plugs from the top of the cabinet and place them in the hinge holes on the opposite side.

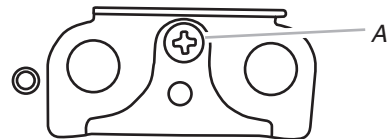


- Remove the door stop from the bottom of the freezer door.



A. Door stop screw
B. Door stop

- Move the door stop to the opposite side, making sure that the hole in the door stop plate is aligned perfectly with the hole for the center hinge pin.
- Using the screw removed in Step 2, fasten the door stop to the bottom of the freezer door.

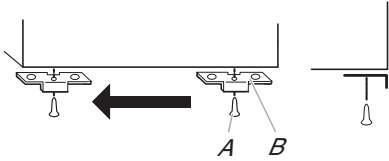


A. Door stop screw

- Set aside the freezer door until the hinges and refrigerator door are in place.

Reverse Refrigerator Door

1. Remove the door stop from the bottom of the refrigerator door.



A. Door stop screw
B. Door stop

2. Replace the door stop on the opposite side of the refrigerator door, making sure that the hole in the door stop plate is aligned perfectly with the hole for the bottom hinge pin.
3. Fasten the door stop to the door.
4. Remove door hinge hole plug from freezer door. Move to opposite side.
5. Set aside refrigerator door until bottom hinge is installed on the opposite side of the refrigerator.

Replace Doors and Hinges

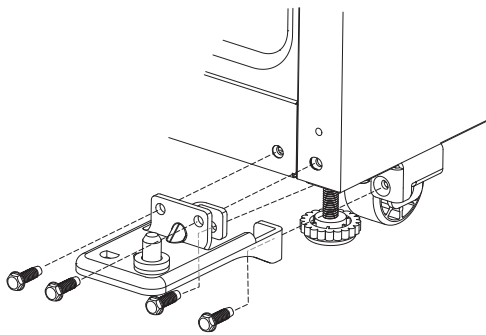
IMPORTANT: Provide additional support for the doors while the hinges are being moved. Do not depend on the door magnets to hold the doors in place while you are working.

Reverse Top Hinge

1. Place the plastic spacer beneath the hinge so that it will be between the hinge and the cabinet, making sure the holes are aligned.
2. Fasten the top hinge to the opposite side of the cabinet, inserting the screws only halfway, so you will be able to replace and align the freezer door later.

Install Refrigerator Door

1. Insert the bottom hinge pin into the bottom hinge and fasten the hinge to the cabinet. Do not tighten completely.
2. Place the washer on top of the bottom hinge pin.
3. Place the refrigerator door onto the pin of the bottom hinge.



4. Measure the distance from the bottom of the refrigerator door to the floor. The distance should be approximately 1 $\frac{1}{8}$ " (4.6 cm).

NOTE: If necessary, loosen the bottom hinge, without removing the screws, adjust the door to the correct height and fully tighten the screws.

Install Freezer Door

1. Place washer on the upper hinge pin of the center hinge.
 2. Place the freezer door on the upper hinge pin of the center hinge.
 3. Insert the Top Hinge pin into the drilled hole in the top of the freezer door. Do not tighten the screws completely.
 4. Align the doors so that the bottom of the freezer door aligns evenly with the top of the refrigerator door. Tighten all screws.
- NOTE:** The distance between the doors should be approximately $\frac{3}{4}$ " (19 mm).

Final Steps

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

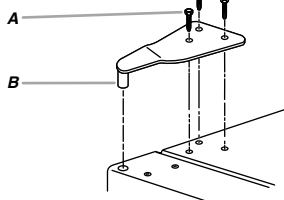
Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

1. Plug into a grounded 3 prong outlet.
2. Reset the controls. See "Using the Controls."
3. Return all removable door parts to doors and the food to the refrigerator.

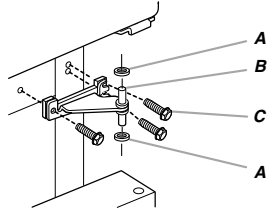
Door Removal & Replacement

Top Hinge



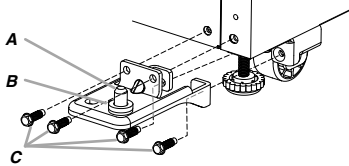
A. $\frac{5}{16}$ " Hex-Head Hinge Screws
B. Top Hinge

Center Hinge



A. Washer
B. Center Hinge
C. $\frac{5}{16}$ " Hex-Head Hinge Screws

Bottom Hinge

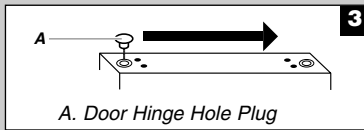


A. Bottom Hinge
B. Washer
C. $\frac{5}{16}$ " Hex-Head Hinge Screws

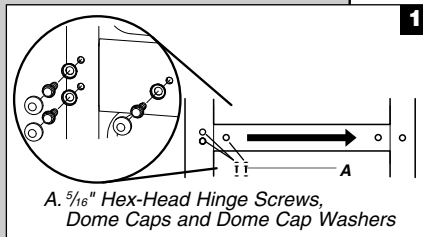
Door Swing Reversal (optional)



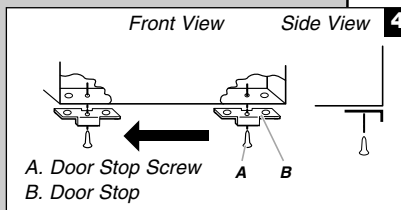
A. Cabinet Hinge Hole Plugs



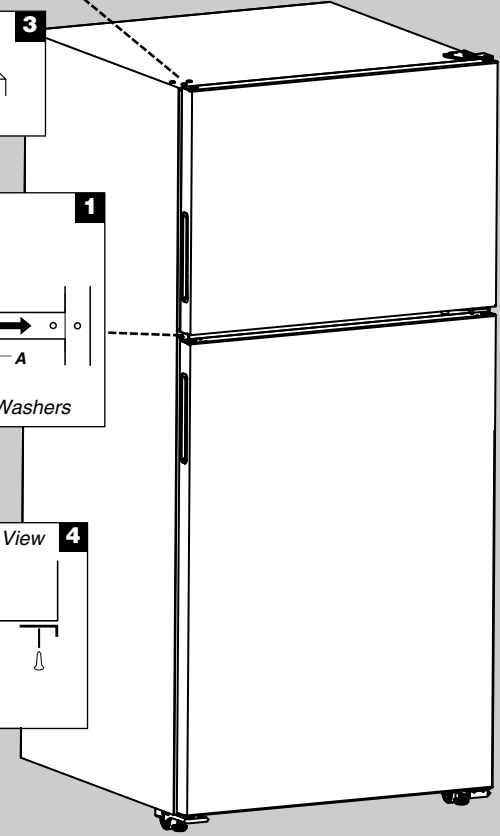
A. Door Hinge Hole Plug



A. $\frac{5}{16}$ " Hex-Head Hinge Screws, Dome Caps and Dome Cap Washers



A. Door Stop Screw
B. Door Stop



Adjust the Doors

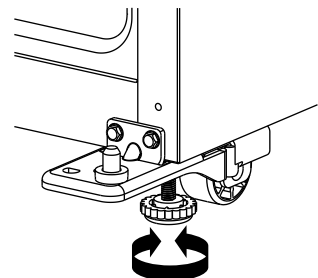
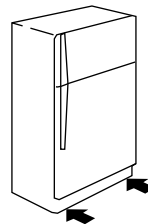
IMPORTANT: Your refrigerator complies with American Disabilities Act (ADA) guidelines.

NOTE: Having someone push against the top of the refrigerator takes some weight off the levelers and rollers which makes it easier to adjust.

Door Closing

Your refrigerator has two front adjustable levelers - one on the right and one on the left. If your refrigerator seems unsteady or you want the doors to close easier, adjust the refrigerator's tilt using the following instructions:

1. Turn the leveler to lower or raise that side of the refrigerator. It may take several turns to adjust the tilt of the refrigerator.
 - To raise, turn the leveler to the right.
 - To lower, turn the leveler to the left.



- Open both doors again to make sure they close as easily as you like. If not, tilt the refrigerator slightly more to the rear by turning both leveling legs to the left; it may take several more turns.

NOTE: To keep the refrigerator level, you should turn both leveling legs the same amount.

- Using a level, be sure that the refrigerator is still level side to side. Readjust if necessary.

Door Aligning

If the space between your doors looks uneven, you can adjust it using the following instructions:

- Depending on your model, remove the top hinge cover.
- Loosen the top hinge screws using a 5/16" socket or wrench.
- Have someone hold the door in place or put a spacer between the doors while you tighten the top hinge screws.
- Replace the top hinge cover, if removed in Step 1.

REFRIGERATOR USE

Using the Controls

Your refrigerator has two controls that affect the temperature. The Temperature control is located at the top front of the refrigerator compartment and the Airflow control is located on the back wall of the freezer compartment.

IMPORTANT:

- The recommended setting should be correct for normal household refrigerator use. The controls are set correctly when milk or juice is as cold as you like and when ice cream is firm.
- Wait 24 hours for your refrigerator to cool completely before adding food. If you add food before the refrigerator has cooled completely, your food may spoil.

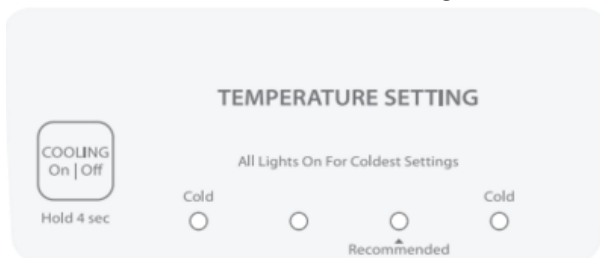
NOTE: Adjusting the refrigerator and freezer temperature controls to a colder than recommended setting will not cool the compartments any faster.

- If the temperature is too warm or too cold in the refrigerator or freezer, first check the air vents to be sure they are not blocked before adjusting the controls.

Temperature Control

For your convenience, the temperature control is preset at the factory. When you first install your refrigerator, make sure the control is still preset as shown.

Recommended Setting



Cooling Off/On

- To turn Cooling Off, press and hold the Temperature Setting button for 4 seconds, until all lights turn ON for 1 second. To turn cooling back on, press and hold the Temperature Setting button again for 4 seconds.

NOTE: Neither compartment will cool when the control is set to OFF.



Cooling On | Off
Hold 4 sec

Adjusting the Temperature Control

If you need to adjust the temperature in either the refrigerator or freezer compartment, use the settings listed in the chart below as a guide.

NOTE: Except when starting the refrigerator, do not adjust the control more than one setting at a time. Wait 24 hours between adjustments for the temperature to stabilize.

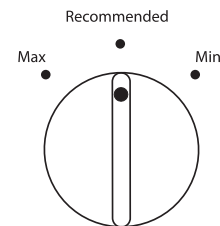
- Press the Temperature Setting button to toggle among the 4 LED lights which indicate the temperature setting. Reading from left to right, the LED in the first position is the least cold. The LEDs indicate increasingly colder settings as you continue to the right.

CONDITION/REASON:	ADJUSTMENT:
REFRIGERATOR too warm	TEMPERATURE control one setting higher
FREEZER too warm/Too little ice	AIRFLOW or TEMPERATURE control one setting higher
REFRIGERATOR too cold	TEMPERATURE control one setting lower
FREEZER too cold	AIRFLOW or TEMPERATURE control one setting lower

Airflow Control

The Airflow control regulates the amount of air flowing between the freezer and the refrigerator compartments.

When you plug in the refrigerator for the first time, turn the Airflow control to the Recommended setting.



Adjusting the Airflow Control

If you want to temporarily increase the cold airflow to a specific compartment, adjust the control.

- Max - Increase airflow to the freezer.
- Min - Increase airflow to the refrigerator.

IMPORTANT: Once the performance is achieved, return the Airflow control to the Recommended setting to keep the refrigerator operating at optimum efficiency.

CONDITION/REASON:	ADJUSTMENT:
Heavy ice use	Max
Hot room temperature	Max - to maintain ice-making production rate
Large quantity of groceries	Min - to quickly chill food and beverages

Ice Maker

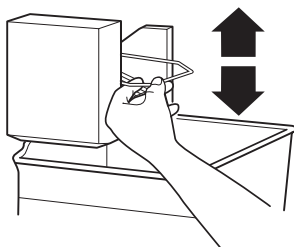
Turning the Ice Maker On/Off

NOTE: Do not force the wire shut-off arm up or down.

- To turn the ice maker on, simply lower the wire shut-off arm.

NOTE: Your ice maker has an automatic shut-off. As ice is made, the ice cubes will fill the ice storage bin and the ice cubes will raise the wire shut-off arm to the Off (arm up) position.

- To manually turn the ice maker off, lift the wire shut-off arm to the Off (arm up) position and listen for the click to make sure the ice maker will not continue to operate.



NOTE: Turn the ice maker off before removing the ice storage bin to serve ice or to clean the bin. This will keep the ice cubes from dropping out of the ice maker and into the freezer compartment. After replacing the ice storage bin, turn on the ice maker.

Ice Production Rate

- **NORMAL Ice Production:** The ice maker should produce approximately 8 to 12 batches of ice in a 24-hour period. If ice is not being made fast enough, turn the Freezer control toward a higher (colder) number in half number steps. (For example, if the control is at 3, move it to between 3 and 4.) Wait 24 hours and, if necessary, gradually turn the Freezer Control to the highest setting, waiting 24 hours between each increase.
- **MAXIMUM Ice Production (on some models):** The ice maker should produce approximately 16 to 20 batches of ice in a 24-hour period. If your refrigerator has the maximum ice production feature, push the switch to MAX.

Remember

- Allow 24 hours to produce the first batch of ice. Allow 3 days to completely fill the ice storage bin. Discard the first three batches of ice produced.
- The quality of your ice will be only as good as the quality of the water supplied to your ice maker. Avoid connecting the ice maker to a softened water supply. Water softener chemicals (such as salt) can damage parts of the ice maker and lead to poor quality ice. If a softened water supply cannot be avoided, make sure the water softener is operating properly and is well maintained.
- Do not store anything on top of the ice maker or in the ice storage bin.

REFRIGERATOR FEATURES

Your model may have some or all of these features.

Important information to know about glass shelves and covers:

Do not clean glass shelves or covers with warm water when they are cold. Shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping. Tempered glass is designed to shatter into many small, pebble-size pieces. This is normal. Glass shelves and covers are heavy. Use both hands when removing them to avoid dropping.

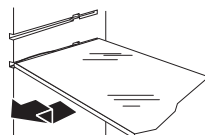
Refrigerator Shelves

The shelves in your refrigerator are adjustable to match your individual storage needs.

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

To remove and replace a shelf:

1. Remove items from the shelf.
2. Slide the shelf straight out to the stop.
3. Depending on your model, lift back or front of the shelf past the stop. Slide shelf out the rest of the way.
4. Replace the shelf by sliding the back of the shelf into the track in the wall of the cabinet.
5. Guide the front of the shelf into the shelf track. Be sure to slide the shelf in all the way.



Crisper

Crisper Drawers

To remove and replace the crisper drawer:

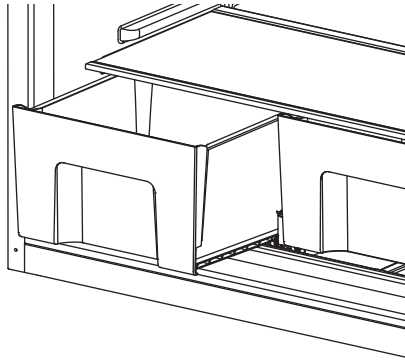
1. Slide the crisper drawer straight out to the stop. Lift the front and slide the drawer out the rest of the way.
2. Replace the drawer by sliding the drawer in fully past the stop.

Crisper Cover

To remove and replace the crisper cover:

1. Remove the crisper(s).
2. Pull the glass straight out.

- Replace the glass by pushing it straight in.



Crisper Humidity Control

You can control the amount of humidity in the moisture-sealed crisper. Adjust the control to LOW or HIGH.

LOW (open) lets moist air out of the crisper for best storage of fruits and vegetables with skins.

- Fruit: Wash, let dry, and store in refrigerator in plastic bag or crisper. Do not wash or hull berries until they are ready to use. Sort and keep berries in original container in crisper or store in a loosely closed paper bag on a refrigerator shelf.
- Vegetables with skins: Place in plastic bag or plastic container and store in crisper.

HIGH (closed) keeps moist air in the crisper for best storage of fresh, leafy vegetables.

- Leafy vegetables: Wash in cold water, drain and trim or tear off bruised and discolored areas. Place in plastic bag or plastic container and store in crisper.

FREEZER FEATURES

Your model may have some or all of these features.

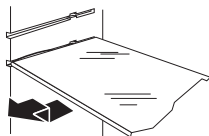
Important information to know about glass shelves and covers:

Do not clean glass shelves or covers with warm water when they are cold. Shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping. Tempered glass is designed to shatter into many small, pebble-size pieces. This is normal. Glass shelves and covers are heavy. Use both hands when removing them to avoid dropping.

Freezer Shelf

To remove and replace a shelf:

- Remove items from the shelf.
- Slide the shelf straight out to the stop.
- Depending on your model, lift back or front of the shelf past the stop. Slide shelf out the rest of the way.
- Replace the shelf by sliding the back of the shelf into the track in the wall of the cabinet.
- Guide the front of the shelf into the shelf track. Be sure to slide the shelf in all the way.



Frozen Food Storage Guide

Storage times will vary according to the quality and type of food, the type of packaging or wrap used (should be airtight and moisture-proof), and the storage temperature. Seal the package or container securely to avoid taste and odor transfer throughout the product. Ice crystals inside a sealed package are normal. This simply means that moisture in the food and air inside the package have condensed, creating ice crystals.

Put no more unfrozen food into the freezer than will freeze within 24 hours (no more than 2 to 3 lbs of food per cubic foot [907 to 1,350 g per L] of freezer space). Leave enough space in the freezer for air to circulate around packages. The freezer door must close tightly.

NOTE: For more information on preparing food for freezing, check a freezer guide or reliable cookbook.

DOOR FEATURES

Your model may have some or all of these features.

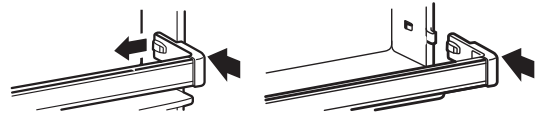
Door Rails

The door rails may be removed for easier cleaning.

Snap-on Door Rails

To remove and replace the rails:

- Depending on your model, remove the rails by pushing in slightly on the front of the bracket while pulling out on the inside tab. Repeat these steps for the other end.
- Replace the rails by aligning the ends of the brackets with the buttons on the sides of the door liner. Firmly snap bracket and assembly onto the tabs above the shelf as shown.

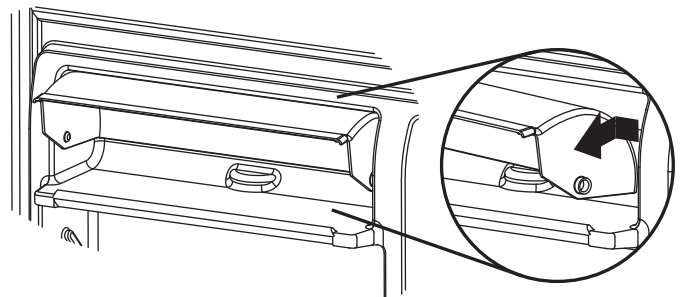


Utility Compartment

The utility compartment may be removed for easier cleaning.

To remove and replace the utility compartment:

- Remove the utility compartment by squeezing against one side while raising the utility compartment up and pulling it straight out.
- Replace the utility compartment by positioning one side in the lock and sliding in the opposite side until it stops.



REFRIGERATOR CARE

Cleaning

⚠ WARNING



Explosion Hazard

Use nonflammable cleaner.

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

Both the refrigerator and freezer sections defrost automatically. However, clean both sections about once a month to avoid buildup of odors. Wipe up spills immediately.

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 avoid odor transfer and drying out of food, wrap or cover foods tightly.
- For stainless steel models, stainless steel is corrosion-resistant and not corrosion-proof. To help avoid corrosion of your stainless steel, keep your surfaces clean by using the following cleaning instructions.

To Clean Your Refrigerator:

NOTE: Do not use abrasive or harsh cleaners such as window sprays, scouring cleansers, flammable fluids, muriatic acid, cleaning waxes, concentrated detergents, bleaches or cleansers containing petroleum products on exterior surfaces (doors and cabinet), plastic parts, interior and door liners, or gaskets. Do not use paper towels, scouring pads, or other harsh cleaning tools.

1. Unplug refrigerator or disconnect power.
2. Hand wash, rinse, and dry removable parts and interior surfaces thoroughly. Use a clean sponge or soft cloth and a mild detergent in warm water.
3. Clean the exterior surfaces.

Painted metal: Wash painted metal exteriors with a clean, soft cloth or sponge and a mild detergent in warm water. Rinse surfaces with clean, warm water and dry immediately to avoid water spots.

Stainless steel: Wash stainless steel surfaces with a clean, soft cloth or sponge and a mild detergent in warm water. Rinse surfaces with clean, warm water and dry immediately to avoid water spots.

NOTE: When cleaning stainless steel, always wipe in the direction of the grain to avoid cross-grain scratching.

4. There is no need for routine condenser cleaning in normal home operating environments. If the environment is particularly greasy or dusty, or there is significant pet traffic in the home, the condenser should be cleaned every 2 to 3 months to ensure maximum efficiency.

If you need to clean the condenser:

- Remove the base grille.
 - Use a vacuum cleaner with a soft brush to clean the grille, the open areas behind the grille, and the front surface area of the condenser.
 - Replace the base grille when finished.
5. Plug in refrigerator or reconnect power.

Changing the Light Bulbs

NOTE: Applies to some models.

IMPORTANT: The light bulbs in both the refrigerator and freezer compartments of your new refrigerator use LED technology. If the lights do not illuminate when the refrigerator and/or freezer door is opened, call for assistance or service.

Refrigerator Compartment Light

The refrigerator light bulb is located behind the control.

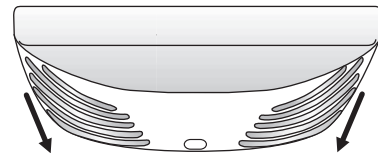
1. Unplug refrigerator or disconnect power.
2. Remove the light bulb and replace it with an appliance bulb of the same size and shape.
 - To replace the LED bulb with an LED bulb, order part number W10565137 (3.6 watts).
3. Plug in refrigerator or reconnect power.

NOTE: Some LED replacement bulbs are not recommended for wet/damp environments. The refrigerator and freezer compartments are considered to be wet/damp environments. If using a brand of LED bulb other than the recommended LED bulb, before installation, read and follow all instructions on the LED packaging.

- To replace an LED bulb with an incandescent bulb, use only incandescent bulbs for household appliances with a maximum of 60 watts.

Freezer Compartment Light (on some models)

1. Unplug refrigerator or disconnect power.
2. Remove the light shield (on some models).
 - Top of the freezer compartment - Slide the light shield toward the back of the compartment to release it from the light assembly.



3. Remove the light bulb and replace it with an appliance bulb of the same size and shape.
 - For the freezer compartment, to replace with an LED light bulb, order part number W10574850 (2.0 watts).
NOTE: Some LED replacement bulbs are not recommended for wet/damp environments. The refrigerator and freezer compartments are considered to be wet/damp environments. If using a brand of LED bulb other than the recommended LED bulb, before installation, read and follow all instructions on the LED packaging.
 - If an incandescent bulb is used to replace an LED bulb, use only incandescent bulbs for household appliances with a maximum of 25 watts.
4. Replace the light shield.
5. Plug in refrigerator or reconnect power.

Vacation and Moving Care

Vacations

If You Choose to Leave the Refrigerator On While You're Away:

1. Use up any perishables and freeze other items.
2. If your refrigerator has an automatic ice maker, and is connected to the household water supply, turn off the water supply to the refrigerator. Property damage can occur if the water supply is not turned off.
3. If you have an automatic ice maker, turn off the ice maker.
NOTE: Raise the wire shut-off arm to off (up) position.
4. Empty the ice bin.

If You Choose to Turn Off the Refrigerator Before You Leave:

1. Remove all food from the refrigerator.
2. If your refrigerator has an automatic ice maker:
 - Turn off the water supply to the ice maker at least one day ahead of time.
 - When the last load of ice drops, raise the wire shut-off arm to the Off (up) position.
3. Turn off the Temperature controls. See "Using the Controls."
4. Clean refrigerator, wipe it, and dry well.
5. Tape rubber or wood blocks to the tops of both doors to prop them open far enough for air to get in. This stops odor and mold from building up.

Moving

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

1. If your refrigerator has an automatic ice maker:
 - Turn off the water supply to the ice maker at least one day ahead of time.
 - Disconnect the water line from the back of the refrigerator.
 - When the last load of ice drops, raise the wire shut-off arm to the Off (up) position.
2. Remove all food from the refrigerator and pack all frozen food in dry ice.
3. Empty the ice bin.
4. Turn off the Temperature controls. See "Using the Controls."
5. Unplug refrigerator.
6. Clean, wipe, and dry thoroughly.
7. Take out all removable parts, wrap them well, and tape them together so they don't shift and rattle during the move.
8. Depending on the model, raise the front of the refrigerator so it rolls more easily OR raise the leveling screws so they don't scrape the floor. See "Adjust the Doors" or "Door Closing and Door Alignment."
9. Tape the doors closed and tape the power cord to the back of the refrigerator.

When you get to your new home, put everything back and refer to the "Installation Instructions" section for preparation instructions. Also, if your refrigerator has an automatic ice maker, remember to reconnect the water supply to the refrigerator.

TROUBLESHOOTING

First try the solutions suggested here or visit our website to possibly avoid the cost of a service call.

⚠ WARNING



Electrical Shock Hazard

- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Failure to follow these instructions can result in death, fire, or electrical shock.

⚠ WARNING



Explosion Hazard

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

If you experience Possible Causes and/or Recommended Solutions

The refrigerator will not operate	<ul style="list-style-type: none"> ■ Not connected to an electrical supply - Plug the power cord into a grounded 3-prong outlet. Do not use an extension cord. ■ No power to the electrical outlet - Plug in a lamp to see if the outlet is working. ■ Household fuse blown or circuit breaker tripped - Replace the fuse or reset the circuit breaker. If the problem continues, contact an electrician. ■ Control is not turned on - Turn the refrigerator control on. ■ New installation - Allow 24 hours following installation for the refrigerator to cool completely. <p>NOTE: Adjusting the temperature controls to coldest setting will not cool the refrigerator more quickly.</p>
The motor seems to run too much	<p>Your new refrigerator may run longer than your old one. Energy efficient refrigerators run longer at lower, more energy efficient speeds. Your refrigerator may run even longer if the room is warm, a large food load is added, the door is opened often, or if the door has been left open.</p>
The refrigerator is noisy	<p>Refrigerator noise has been reduced over the years. Due to this reduction in operating noise, you may notice unfamiliar noises that are normal. Following are some normal sounds with an explanation:</p> <ul style="list-style-type: none"> ■ Buzzing - heard when the water valve opens to fill the ice maker ■ Clicking/Snapping - valves opening or closing ■ Pulsating - fans/compressor adjusting to optimize performance ■ Rattling - flow of refrigerant, water line, or from items placed on top of the refrigerator ■ Sizzling/Gurgling - water dripping on the heater during Defrost cycle ■ Popping - contraction/expansion of inside walls, especially during initial cooldown ■ Water running - may be heard when ice melts during the Defrost cycle and water runs into the drain pan ■ Creaking/Cracking - occurs as ice is being ejected from the ice maker mold
The door will not close completely	<ul style="list-style-type: none"> ■ The door is blocked open - Move food packages away from door. Push bin or shelf back into the correct position. Make sure the crisper cover is fully pushed in, so that the back rests on the supports.
The door is difficult to open	<ul style="list-style-type: none"> ■ Gaskets are dirty or sticky - Clean gaskets and contact surfaces with mild soap and warm water. Rinse and dry with soft cloth.

If you experience	Possible Causes and/or Recommended Solutions
Temperature is too warm	<ul style="list-style-type: none"> ■ New installation - Allow 24 hours following installation for the refrigerator to cool completely. ■ Door(s) opened often or not closed completely - Allows warm air to enter refrigerator. Minimize door openings and keep doors fully closed. ■ A large amount of warm food has been recently added - Allow several hours for refrigerator to return to normal temperature. ■ Check that the Temperature controls are set correctly for the surrounding conditions - Adjust the controls to one setting colder. Check temperature in 24 hours. See "Using the Controls."
There is interior moisture buildup NOTE: Some moisture buildup is normal.	<ul style="list-style-type: none"> ■ Humid room - Contributes to moisture buildup in the refrigerator. ■ Door(s) opened often or not closed completely - Allows humid air to enter the refrigerator. Minimize door openings and keep door fully closed.
The ice maker is not producing ice or not enough ice (on some models)	<ul style="list-style-type: none"> ■ The ice maker is not connected to a water supply - Connect refrigerator to water supply and turn water shut-off valve fully open. ■ A kink in the line can reduce water flow - Straighten the water source line. ■ Ice maker is not turned on - Make sure the ice maker wire shut-off arm or switch (depending on model) is in the On position. ■ New installation - Wait 24 hours after ice maker installation for ice production to begin. Wait 3 days for full ice production. ■ Large amount of ice recently removed - Allow sufficient time for ice maker to produce more ice. ■ Ice cube jammed in the ice maker ejector arm - Remove ice from the ejector arm with a plastic utensil. ■ A reverse osmosis water filtration system connected to your cold water supply can decrease water pressure - See "Water Supply Requirements."
The ice cubes are hollow or small (on some models) NOTE: This is an indication of low water pressure.	<ul style="list-style-type: none"> ■ The water valve is not completely open - Turn the water shut-off valve fully open. ■ A kink in the line can reduce water flow - Straighten the water source line. ■ A reverse osmosis water filtration system connected to your cold water supply can decrease water pressure - See "Water Supply Requirements." ■ If questions regarding water pressure remain, call a licensed, qualified plumber.
Off-taste, odor, or gray color in the ice (on some models)	<ul style="list-style-type: none"> ■ New plumbing connections can cause discolored or off-flavored ice - Discard the ice and wash the ice storage bin. Allow 24 hours for the ice maker to make new ice and discard the first 3 batches of ice produced. ■ Ice stored too long can develop an off-taste - Discard ice. Wash ice bin. Allow 24 hours for ice maker to make new ice. ■ Food odor transferring to ice - Use airtight, moisture proof packaging to store food. ■ There are minerals (such as sulfur) in the water - A water filter may need to be installed to remove the minerals.

ACCESSORIES

The following accessories are available for your refrigerator. To order an accessory, call **1-866-664-2449**, and ask for the part number listed below or contact your authorized Whirlpool dealer.

affresh^{®†} Stainless Steel Cleaner:
 In U.S.A., order Part #W10355016
 In Canada, order Part #W10355016B

affresh[®] Stainless Steel Wipes:
 In U.S.A., order Part #W10355049
 In Canada, order Part #W10355049B

affresh[®] Kitchen & Appliance Cleaner:
 In U.S.A., order Part #W10355010
 In Canada, order Part #W10355010B

[†] affresh is a registered trademark of Whirlpool U.S.A.

IKEA MAJOR APPLIANCE WARRANTY

How long is the IKEA limited warranty valid?

This limited warranty is valid for five years from the date of purchase, when this major appliance is operated and maintained according to instructions attached to or furnished with the product, unless the appliance is named LAGAN in which case this limited warranty is valid for one year from the date of purchase. This limited warranty is valid only in the United States or Canada and applies only when the major appliance is used in the country in which it was purchased. Proof of original purchase date is required to obtain service under this limited warranty.

Which appliances are not covered by the IKEA five (5) year limited warranty?

For major appliances named “LAGAN,” this limited warranty is valid for one year from the date of purchase.

Who will execute the service?

This limited warranty is provided by Whirlpool Corporation or Whirlpool Canada LP (hereafter “Whirlpool”). Service must be provided by a Whirlpool designated service company.

What does this limited warranty cover?

The limited warranty will pay for factory specified parts and repair labor to correct defects in materials or workmanship that existed when the major appliance was purchased. The exceptions are specified under the headline “What is not covered under this limited warranty?”.

What will be done to correct the problem?

The designated service company will examine the product and decide, at its sole discretion, if it is covered under this limited warranty. If considered covered, the designated service company will then repair the defect. Your sole and exclusive remedy under this limited warranty shall be product repair as provided herein.

What is not covered under this limited warranty?

- Service calls to correct the installation of your major appliance, to instruct you on how to use your major appliance, to replace or repair house fuses, or to correct house wiring or plumbing.
- Service calls to repair or replace appliance light bulbs, air filters or water filters. Consumable parts are excluded from warranty coverage.
- Replacement parts or repair labor if this major appliance is used for other than normal, single-family household use or when it is used in a manner that is inconsistent to published user or operator instructions and/or installation instructions.
- Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of consumables or cleaning products not approved for use.
- Cosmetic damage, including scratches, dents, chips or other damage to the finish of your major appliance, unless such damage results from defects in materials or workmanship and is reported within 30 days from the date of purchase.
- Any food loss or medicine loss due to refrigerator or freezer product failures.
- Pick up and delivery. This major appliance is intended to be repaired in your home.
- Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
- Expenses for travel and transportation for product service if your major appliance is located in a remote area where service by an authorized servicer is not available.
- The removal and reinstallation of your major appliance if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.
- Replacement parts or repair labor on major appliances with original model/serial numbers that have been removed, altered or cannot be easily determined.

The cost of repair or replacement under these excluded circumstances shall be borne by the customer.

Disclaimer of Implied Warranties

IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO FIVE YEARS (ONE YEAR FOR MAJOR APPLIANCES NAMED “LAGAN”) OR THE SHORTEST PERIOD ALLOWED BY LAW. Some states and provinces do not allow limitations on the duration of implied warranties of merchantability or fitness, so this limitation may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state or province to province.

Limitation of Remedies; Exclusion of Incidental and Consequential Damages

YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. WHIRLPOOL SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state or province to province.

How to reach us if you need our service

If outside the 50 United States and Canada, contact your authorized IKEA retailer to determine if another warranty applies.

If you need service, please read the Installation Instructions and/or the “Troubleshooting” section of the Use & Care Guide before contacting us. If you need additional help, do not hesitate to contact us in the U.S.A. and Canada at **1-866-664-2449**.

2/09

For additional product information, visit www.whirlpool.com.

If you do not have access to the Internet and you need assistance using your product or you would like to schedule service, you may contact Whirlpool at the number below.

Have your complete model number ready. You can find your model number and serial number on the label, located on the inside wall of the refrigerator compartment.

For assistance or service, call 1-866-664-2449.

If you need further assistance, you can write to Whirlpool with any questions or concerns at the address below:

In the U.S.A.:

Whirlpool Brand Home Appliances
Customer eXperience Center
553 Benson Road
Benton Harbor, MI 49022-2692

In Canada:

Whirlpool Brand Home Appliances
Customer eXperience Centre
200 – 6750 Century Ave.
Mississauga, Ontario L5N 0B7

Please include a daytime phone number in your correspondence.

Please keep all provided instructions and your model number information for future reference.