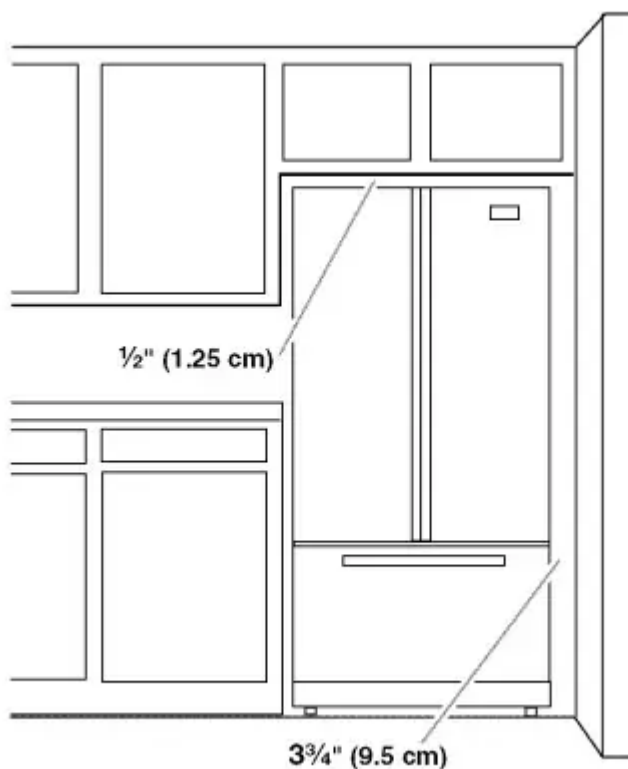


INSTALLATION INSTRUCTIONS

Location Requirements

To ensure proper ventilation for your refrigerator, allow for a 1/2" (1.25 cm) of space on each side and at the top. Allow for a 1" (2.54 cm) 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 3 3/4" (9.5 cm) minimum space between the refrigerator and wall 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

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, cleaning, or removing a light bulb, turn Cooling 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. See "Using the Controls."

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
- 1/4" Drill bit adjustable wrenches
- Cordless drill

IMPORTANT:

- All installations must meet local plumbing code requirements.
- Do not use a piercing-type or 3/8" (4.76 mm) saddle valve which reduces water flow and clogs more easily.
- Use copper tubing and check for leaks. Install copper tubing only in areas where the household temperatures will remain above freezing.
- For models with water filters, the disposable water filter should be replaced at least every 6 months.

Water Pressure

A cold water supply with water pressure of between 35 and 120 psi (241 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 35 and 120 psi (241 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 your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter. See "Water Filtration System."

If you have questions about your water pressure, call a licensed, qualified plumber.

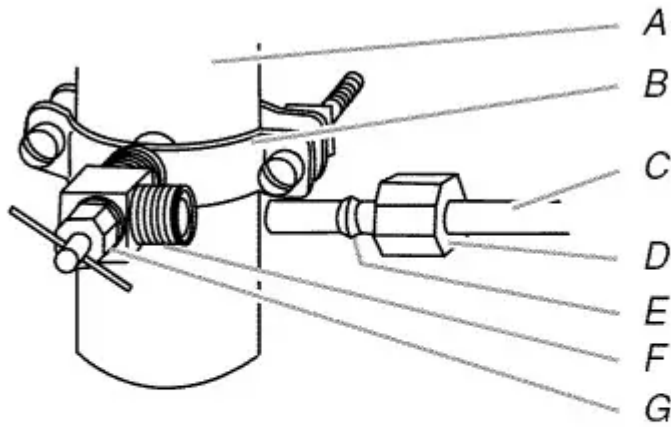
Connect the Water Supply

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. Find a 1/2" to 1 1/4" (12.7 mm to 31.8 mm) vertical cold water pipe near the refrigerator.

IMPORTANT:

- Make sure it is a cold water pipe.
 - Horizontal pipe will work, but the following procedure must be followed: Drill on the top side of the pipe, not the bottom. This will help keep water away from the drill. This also keeps normal sediment from collecting in the valve.
4. Determine the length of copper tubing you need. Measure from the connection on the lower right rear of the 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.



- | | |
|---------------------------|------------------------------|
| <i>A. Cold water pipe</i> | <i>E. Compression sleeve</i> |
| <i>B. Pipe clamp</i> | <i>F. Shutoff valve</i> |
| <i>C. Copper tubing</i> | <i>G. Packing nut</i> |
| <i>D. Compression nut</i> | |

6. Fasten the shutoff 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 the washer makes a watertight seal. Do not overtighten.

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 or you may crush the copper tubing.

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 shutoff valve on the water pipe.

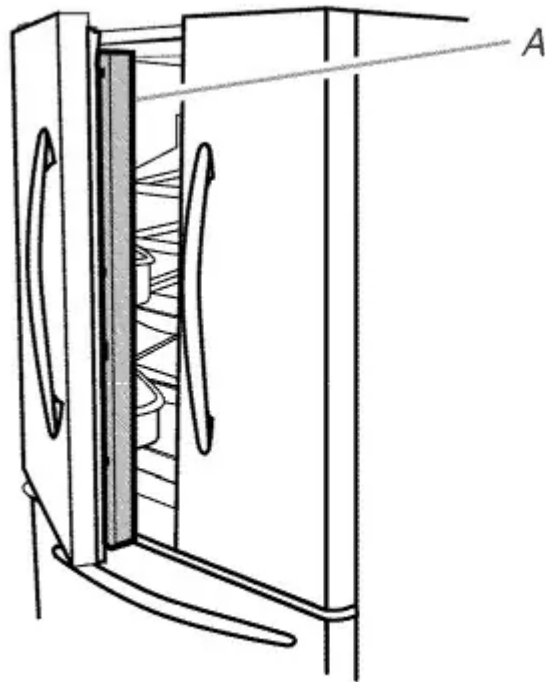
REFRIGERATOR USE

Opening and Closing Doors

There are two refrigerator compartment doors. The doors can be opened and closed either separately or together.

There is a vertically-hinged seal on the left refrigerator door.

- When the left side door is opened, the hinged seal automatically folds inward so that it is out of the way.
- When both doors are closed, the hinged seal automatically forms a seal between the two doors.



A. Hinged seal

Using the Controls

Your model has either Electronic or Digital Controls. Follow the instructions specific to your model.

IMPORTANT:

- 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.

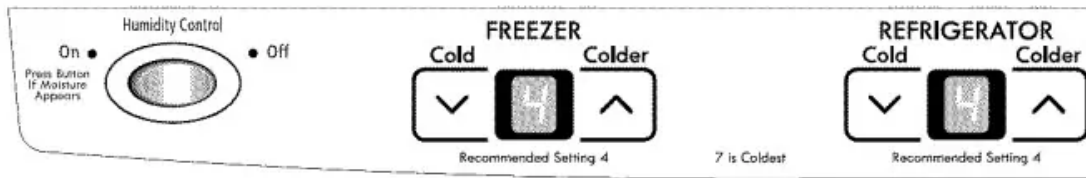
- The recommended settings should be correct for normal household refrigerator use. The controls are set correctly when milk or juice is as cold as you like and when ice cream is firm.
- If the temperature is too warm or too cold in the refrigerator or freezer, first check the air vents to be sure they are not blocked before adjusting the controls.

Electronic Controls

The temperature controls are located at the top front of the refrigerator or freezer compartments.

For your convenience, the temperature controls are preset at the factory. When you first install your refrigerator, make sure the controls are still set to the recommended setting as shown.

Recommended Settings



Adjusting Controls

The REFRIGERATOR control adjusts the refrigerator compartment temperature. The FREEZER control adjusts the freezer compartment temperature.

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

To Adjust Set Point Temperatures:

- Press the Up Arrow or Down Arrow touch pads until the desired temperature set point is displayed.

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

CONDITION/REASON:	ADJUSTMENT:
REFRIGERATOR too warm	REFRIGERATOR Control one setting higher
FREEZER too warm/too little ice	FREEZER Control one setting higher
REFRIGERATOR too cold	REFRIGERATOR Control one setting lower
FREEZER too cold	FREEZER Control one setting lower

Cooling On/Off

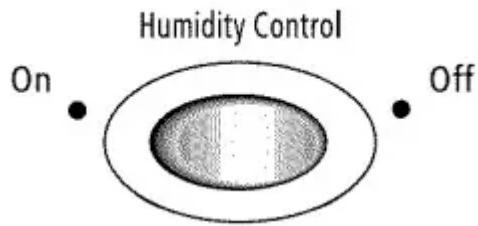
Press the Freezer Up Arrow until OFF appears in the display. Neither compartment will cool. Press either the Freezer or Refrigerator Down Arrow to turn the cooling back on.

Humidity Control (on some models)

The humidity control turns on a heater to help reduce moisture on the door hinge seal. Use in humid environments or when you notice moisture on the door hinge seal. The refrigerator uses more energy when Humidity Control is on.

- Press the control to ON when the environment is warm and more humid, or if you notice moisture on the door hinge seal.

- Press the control to OFF to save energy when the environment is less humid.



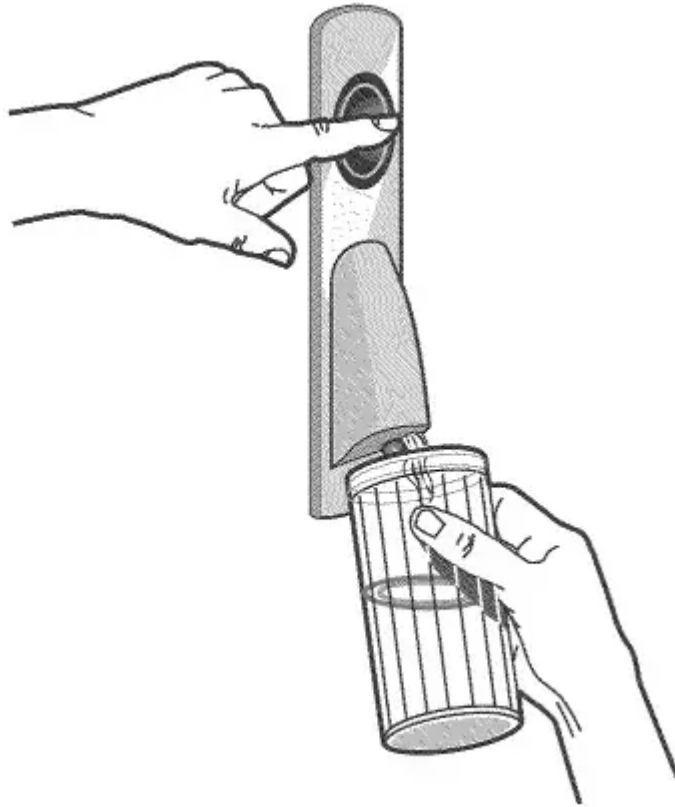
Water Dispenser (on some models)

IMPORTANT:

- After connecting the refrigerator to a water source or replacing the water filter, flush the water system. Use a sturdy container to depress and hold the dispenser lever for 5 seconds, then release it for 5 seconds. Repeat until water begins to flow. Once water begins to flow, continue depressing and releasing the dispenser lever (5 seconds on, 5 seconds off) until a total of 4 gal. (15 L) has been dispensed. This will flush air from the filter and water dispensing system, and prepare the water filter for use. Additional flushing may be required in some households. As air is cleared from the system, water may spurt out of the dispenser.
- Allow 24 hours for the refrigerator to cool down and chill water. Dispense enough water every week to maintain a fresh supply.

Dispensing Water

1. Hold a container under the dispenser while pressing the button.
2. Release the button to stop dispensing.



Water Filtration System

Water Filter Status

Indicator Models

- The disposable water filter should be replaced when the Replace light is lit, or at least every 6 months. If the water flow to the water dispenser or ice maker decreases noticeably before 6 months have passed, replace the water filter more often.
- After replacing the water filter, press and hold the Filter Reset touch pad for 3 seconds until the Order or Replace light turns off. See "Using the Controls."

Non-Indicator Models

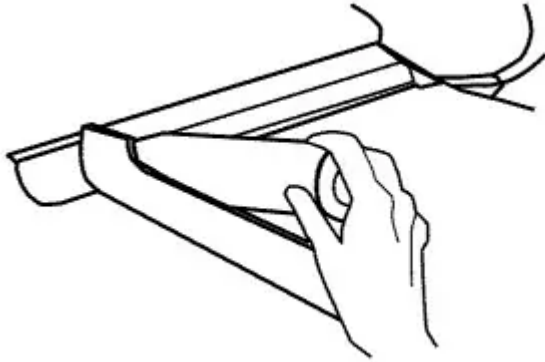
- The disposable water filter should be replaced at least every 6 months. If the water flow to the water dispenser or ice maker decreases noticeably before 6 months have passed, replace the water filter more often.

Replacing the Water Filter

IMPORTANT: Air trapped in the water system may cause water and filter to eject. Always dispense water for at least 2 minutes before removing the filter or blue bypass cap.

1. Turn the used water filter counterclockwise until it releases from the filter mounting bracket.

2. Drain water from the water filter into the sink, and discard the used water filter. Wipe up the excess water in the filter cover.
3. Remove the sealing label from the end of the new water filter and insert the water filter into the filter mounting bracket. Gently rotate the water filter clockwise until it stops, and snap the filter cover closed.



4. Flush the water system. See "Water System Preparation."
5. Inspect the water filter system for leaks. If you see water leaks, see "Troubleshooting."

Using the Dispenser Without a Water Filter

You can use the water dispenser without a water filter, but your water will not be filtered. If you choose this option, replace the water filter with the blue bypass cap.

REFRIGERATOR CARE

Cleaning

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.

To Clean Your Refrigerator.

NOTE: Do not use abrasive or harsh cleaners such as window sprays, scouring cleansers, flammable fluids, cleaning waxes, concentrated detergents, bleaches or cleansers containing petroleum products on 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. Wash stainless steel and painted metal exteriors with a clean sponge or soft cloth and a mild detergent in warm water.

- To keep your stainless steel refrigerator looking like new and to remove minor scuffs or marks, it is suggested that you use the manufacturer's approved Stainless Steel Cleaner and Polish. To order the cleaner, see "Accessories."

IMPORTANT: This cleaner is for stainless steel parts only!

Do not allow the Stainless Steel Cleaner and Polish to come into contact with any plastic parts such as the trim pieces, dispenser covers or door gaskets. If unintentional contact does occur, clean plastic part with a sponge and mild detergent in warm water. Dry thoroughly with a soft cloth.

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.

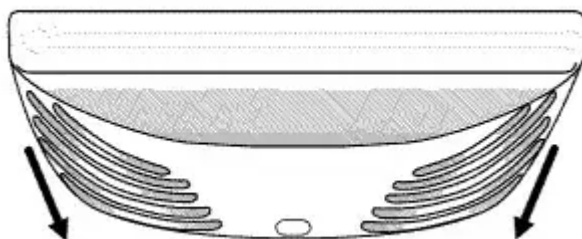
5. Plug in refrigerator or reconnect power.

Changing the Light Bulb

NOTE: Not all appliance bulbs will fit your refrigerator. Be sure to replace the bulb with an appliance bulb of the same size, shape, and wattage (no greater than 40 watts).

Changing the Refrigerator Light Bulb

1. Unplug the refrigerator or disconnect power.
2. Slide the light shield toward the back of the compartment to release it from the light assembly.



3. Replace burned-out bulb(s) with appliance bulb(s) no greater than 40 watts.
4. Replace the light shield by inserting the tabs on the shield into the liner holes on each side of light assembly. Slide the shield toward the front until it locks into place.

NOTE: To avoid damaging the light shield, do not force the shield beyond the locking point.

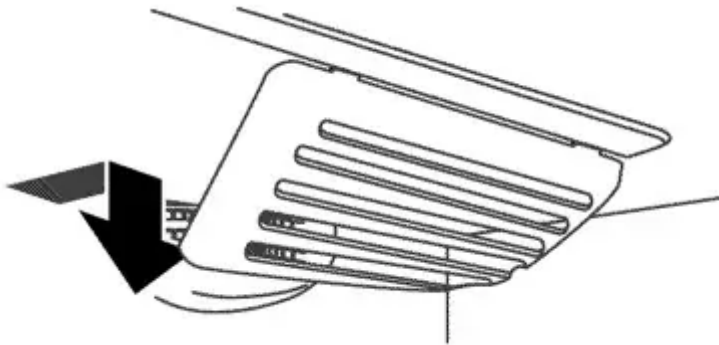
5. Plug in refrigerator or reconnect power.

Changing the Freezer Light Bulb

1. Unplug refrigerator or disconnect power.

NOTE: You may need to remove the upper freezer shelf or basket to access the light assembly.

2. The light shield opens from the back. Firmly press forward on the notches in the back of the shield and pull the shield down.



3. Remove the shield and replace the burned-out bulb with an appliance bulb no greater than 40 watts.
4. Insert the front tabs of the shield into the liner and snap the back portion of the shield over the light assembly.
5. Plug in refrigerator or reconnect power.

Power interruption

If the power will be out for 24 hours or less, keep the door or doors closed (depending on your model) to help food stay cold and frozen.

If the power will be out for more than 24 hours, do one of the following:

- Remove all frozen food and store it in a frozen food locker.
- Place 2 lbs (907 g) of dry ice in the freezer for every cubic foot (28 L) of freezer space. This will keep the food frozen for 2 to 4 days.
- If neither a food locker nor dry ice is available, consume or can perishable food at once.

REMEMBER: A full freezer stays cold longer than a partially filled one. A freezer full of meat stays cold longer than a freezer full of baked goods. If you see that food contains ice crystals, it may be refrozen, although the quality and flavor may be affected. If the condition of the food is poor, dispose of it.

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:
 - Depending on your model, raise wire shutoff arm to OFF (up) position, or press the switch to OFF.
 - Shut off water supply to the ice maker.
3. 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 shutoff arm to the OFF (up) position or press the switch to OFF, depending on your model.
3. Turn off the Temperature control(s). See "Using the Control(s)."
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 shutoff arm to the OFF (up) position or press the switch to OFF, depending on your model.
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 control(s). See "Using the Control(s)."
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 Door(s)."

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

Refrigerator Operation

The refrigerator will not operate

- Power cord unplugged? Plug into a grounded 3 prong outlet.
- Is outlet working? 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, call an electrician.
- Are controls on? Make sure the refrigerator controls are on. See "Using the Control(s)."
- New installation? Allow 24 hours following installation for the refrigerator to cool completely.

NOTE: Adjusting the temperature controls to coldest setting will not cool either compartment more quickly.

The motor seems to run too much

- Your new refrigerator may run longer than your old one due to its high-efficiency compressor and fans. The unit may run even longer if the room is warm, a large food load is added, doors are opened often, or if the doors have been left open.

The refrigerator seems noisy

Refrigerator noise has been reduced over the years. Due to this reduction, you may hear intermittent noises from your new refrigerator that you did not notice from your old model. Below are listed some normal sounds with explanations.

- Buzzing - heard when the water valve opens to fill the ice maker
- Pulsating - fans/compressor adjusting to optimize performance
- Hissing/Rattling - flow of refrigerant, movement of water lines, 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 cool-down
- 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 doors will not close completely

- Door blocked open? Move food packages away from door.
- Bin or shelf in the way? Push bin or shelf back in the correct position.

The doors are difficult to open

- Gaskets dirty or sticky? Clean gaskets and contact surfaces with mild soap and warm water. Rinse and dry with soft cloth.

Temperature and Moisture

Temperature is too warm

- New installation? Allow 24 hours following installation for the refrigerator to cool completely.
- Door(s) opened often or left open? Allows warm air to enter refrigerator. Minimize door openings and keep doors fully closed.
- Large load of food added? Allow several hours for refrigerator to return to normal temperature.
- Controls set correctly for the surrounding conditions? Adjust the controls a setting colder. Check temperature in 24 hours. See “Using the Control(s).”

There is interior moisture buildup

NOTE: Some moisture buildup is normal.

- Humid room? Contributes to moisture buildup.
- Door(s) opened often or left open? Allows humid air to enter refrigerator. Minimize door openings and keep doors fully closed.

Ice and Water

The ice maker is not producing ice or not enough ice

- Refrigerator connected to a water supply and the supply shutoff valve turned on? Connect refrigerator to water supply and turn water shutoff valve fully open.
- Kink in the water source line? A kink in the line can reduce water flow. Straighten the water source line.
- Ice maker turned on? Make sure wire shutoff 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 72 hours for full ice production.
- Freezer door closed completely? Firmly close the freezer compartment door. If the freezer compartment door will not close all the way, see “The doors will not close completely,” earlier in this section.
- Large amount of ice recently removed? Allow 24 hours 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.
- Water filter installed on the refrigerator? Remove filter and operate ice maker. If ice volume improves, then the filter may be clogged or incorrectly installed. Replace filter or reinstall it correctly.
- Reverse osmosis water filtration system connected to your cold water supply? This can decrease water pressure. See “Water Supply Requirements.”

The ice cubes are hollow or small

NOTE: This is an indication of low water pressure.

- Water shutoff valve not fully open? Turn the water shutoff valve fully open.
- Kink in the water source line? A kink in the line can reduce water flow. Straighten the water source line
- Water filter installed on the refrigerator? Remove filter and operate ice maker. If ice quality improves, then the filter may be clogged or incorrectly installed. Replace filter or reinstall it correctly.
- Reverse osmosis water filtration system connected to your cold water supply? This can decrease water pressure. See “Water Supply Requirements.”
- Questions remain regarding water pressure? Call a licensed, qualified plumber.

Off-taste, odor or gray color in the ice

- New plumbing connections? New plumbing connections can cause discolored or off-flavored ice.
- Ice stored too long? Discard ice. Wash ice bin. Allow 24 hours for ice maker to make new ice.
- Odor transfer from food? Use airtight, moisture proof packaging to store food.
- Are there minerals (such as sulfur) in the water? A water filter may need to be installed to remove the minerals.
- Water filter installed on the refrigerator? Gray or dark discoloration in ice indicates that the water filtration system needs additional flushing. Flush the water system before using a new water filter. Replace water filter when indicated. See “Water Filtration System.”

The water dispenser will not operate properly

- Refrigerator connected to a water supply and the supply shutoff valve turned on? Connect refrigerator to water supply and turn water shutoff valve fully open.
- Kink in the water source line? Straighten the water source line.
- New installation? Flush and fill the water system. See “Water Dispenser.”
- Is the water pressure at least 35 psi (241 kPa)? The water pressure to the home determines the flow from the dispenser. See “Water Supply Requirements.”
- Water filter installed on the refrigerator? Remove filter and operate dispenser. If water flow increases, the filter may be clogged or incorrectly installed. Replace filter or reinstall it correctly.
- Refrigerator door closed completely? Close the door firmly. If it does not close completely, see “The doors will not close completely,” earlier in this section.
- Recently removed the doors? Make sure the water dispenser wire/tube assembly has been properly reconnected. See “Refrigerator Door(s) and Drawer.”
- Reverse osmosis water filtration system connected to your cold water supply? This can decrease water pressure. See “Water Supply Requirements.”

Water is leaking from the dispenser system

NOTE: One or two drops of water after dispensing is normal.

- Glass not being held under the dispenser long enough? Hold the glass under the dispenser 2 to 3 seconds after releasing the dispenser lever.
- New installation? Flush the water system. See “Water Dispenser.”
- Recently changed water filter? Flush the water system. See “Water Dispenser.”
- Water on the floor near the base grille? Make sure the water dispenser tube connections are fully tightened. See “Refrigerator Door(s) and Drawer.”

Water from the dispenser is warm

NOTE: Water from the dispenser is only chilled to 50°F (10°C).

- New installation? Allow 24 hours after installation for the water supply to cool completely.
- Recently dispensed large amount of water? Allow 24 hours for water supply to cool completely.
- Water not been recently dispensed? The first glass of water may not be cool. Discard the first glass of water.
- Refrigerator connected to a cold water pipe? Make sure the refrigerator is connected to a cold water pipe. See “Water Supply Requirements.”

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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