REFRIGERATOR USE & CARE GUIDE
MANUAL DE USO Y CUIDADO DEL REFRIGERADOR
GUIDE D'UTILISATION ET D'ENTRETIEN DU RÉFRIGÉRATEUR

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Assistance or Service

If you need assistance or service, first see the "Troubleshooting" section. Additional help is available. Call us at **1-800-253-1301** from anywhere in the U.S.A., or write:

Whirlpool Corporation
Customer eXperience Center
553 Benson Road
Benton Harbor, MI 49022-2692

Information may also be obtained by visiting our website at **www.whirlpool.com**.

In Canada, for assistance, installation or service, call us at **1-800-807-6777**, or write:

Whirlpool Canada LP
Customer Interaction Centre
1901 Minnesota Court
Mississauga, Ontario L5N 3A7

In Canada, visit **www.whirlpool.ca**.

Please include a daytime phone number in your correspondence.

Keep this book and your sales slip together for future reference. You must provide proof of purchase or installation date for in-warranty service.

Write down the following information about your appliance to help you obtain assistance or service if you ever need it. You will need to know your complete model number and serial number. You can find this information on the model and serial number label, located on the inside wall of the refrigerator compartment.

Dealer name _____

Serial number _____

Address _____

Phone number _____

Model number _____

Purchase date _____

Accessories

To order replacement filters, call **1-800-442-9991** and ask for the part number listed below or contact your authorized Whirlpool dealer. In Canada, call **1-800-807-6777**.

Stainless Steel Cleaner and Polish: Order Part #4396095

Standard Base Filter Cartridges:
Order Part #4396508 (NL240/L400); #4396509 (NL240V/L400V)

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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.
- 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 or water (on some models).

SAVE THESE INSTRUCTIONS

Proper Disposal of Your Old Refrigerator

⚠ WARNING

Suffocation Hazard

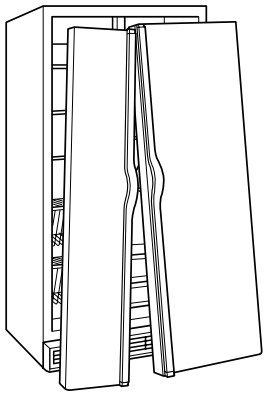
Remove doors from your old refrigerator.

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.



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.

Remove packaging materials. 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.”

When Moving Your Refrigerator:

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

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. For your protection, tempered glass is designed to shatter into many small, pebble-size pieces. This is normal. Glass shelves and covers are heavy. Use special care when removing them to avoid impact from dropping.

Location Requirements

⚠WARNING

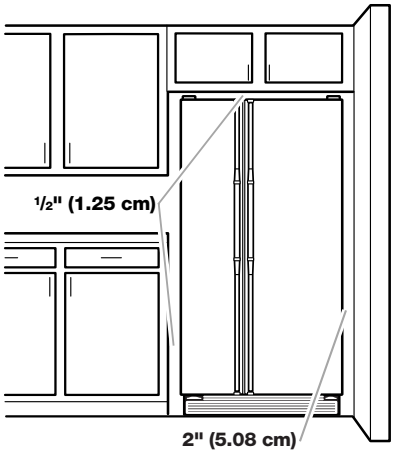
Explosion Hazard

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

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

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

NOTE: It is recommended that you do not install the refrigerator near an oven, radiator, or other heat source. Do not install in a location where the temperature will fall below 55°F (13°C).



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, cleaning, or removing a light bulb, 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 reset the control (Thermostat, Refrigerator or Freezer Control depending on the model) to the desired setting.

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
- 7/16" and 1/2" Open-end or two adjustable wrenches
- 1/4" nut driver
- 1/4" Drill bit
- Hand drill or electric drill (properly grounded)

NOTE: Your refrigerator dealer has a kit available with a 1/4" (6.35 mm) saddle-type shutoff 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 - 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 - 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 - 414 kPa).

If the water pressure to the reverse osmosis system is less than 40 to 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 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 Water Supply

Read all directions before you begin.

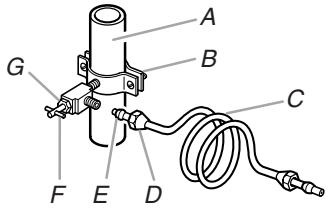
IMPORTANT: If you turn the refrigerator on before the water line is connected, turn the ice maker OFF.

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" (12.70 mm) to 1 1/4" (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 rear corner 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 grounded drill, drill a 1/4" (6.35 mm) hole in the cold water pipe you have selected.



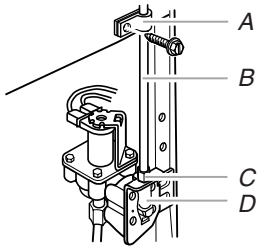
A. Cold water pipe
B. Pipe clamp
C. Copper tubing
D. Compression nut
E. Compression sleeve
F. Shutoff valve
G. Packing nut

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" (6.35 mm) 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 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 the 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 shutoff valve on the water pipe. Coil the copper tubing.

Connect to Refrigerator

Style 1

1. Unplug refrigerator or disconnect power.
2. Attach the copper tube 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 prevent damage to the tubing when the refrigerator is pushed back against the wall.
4. Turn shutoff valve ON.
5. Check for leaks. Tighten any connections (including connections at the valve) or nuts that leak.



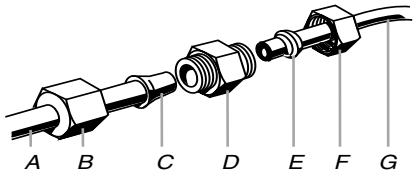
A. Tube clamp
B. Copper tubing
C. Compression nut
D. Valve inlet

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.

Style 2

1. Unplug refrigerator or disconnect power.
2. Remove and discard the shipping tape and the black nylon plug from the gray, coiled water tubing on the rear of the refrigerator.
3. If the gray water tube supplied with the refrigerator is not long enough, a ¼" x ¼" coupling is needed in order to connect the water tubing to an existing household water line. Thread the provided nut onto the coupling on the end of the copper tubing.

   NOTE: Tighten the nut by hand. Then tighten it with a wrench two more turns. Do not overtighten.



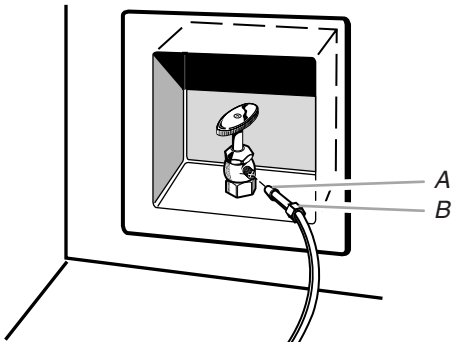
A. Refrigerator water tubing
B. Nut (provided)
C. Bulb
D. Coupling (purchased)
E. Ferrule (purchased)
F. Nut (purchased)
G. Household water line

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

Style 3

1. Unplug refrigerator or disconnect power.
2. Remove and discard the shipping tape and the black nylon plug from the gray, coiled water tubing on the rear of the refrigerator.
3. Thread the provided nut onto the water valve as shown.

   NOTE: Tighten the nut by hand. Then tighten it with a wrench two more turns. Do not overtighten.



A. Bulb
B. Nut (provided)

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

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.
2. Flush the water system. See the “Water and Ice Dispensers” section.

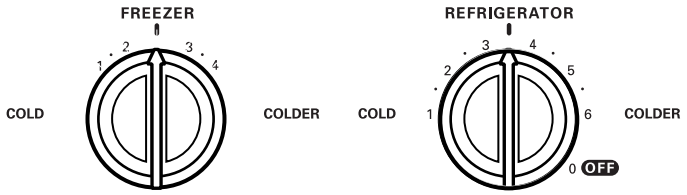
NOTE: Allow 24 hours to produce the first batch of ice. Allow 3 days to completely fill ice container.

REFRIGERATOR USE

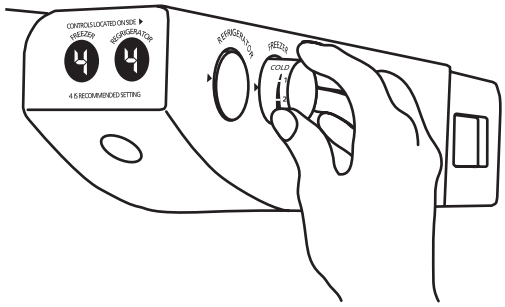
Using the Controls

For your convenience, your refrigerator controls are preset at the factory. When you first install your refrigerator, make sure that the controls are still preset. The Refrigerator Control and the Freezer Control should both be set to the “mid-settings.”

Style 1



Style 2



IMPORTANT:

- Your product will not cool when the REFRIGERATOR Control is set to OFF.
- The Refrigerator Control adjusts the refrigerator compartment temperature. The Freezer Control adjusts the freezer compartment temperature. Higher numbered settings make the compartment colder. Lower numbered settings make the temperature less cold.

- Wait 24 hours before you put food into the refrigerator. If you add food before the refrigerator has cooled completely, your food may spoil.

Style 1

Turn the control to the right (clockwise) to make the compartment colder or to the left (counterclockwise) to make it less cold.

Style 2

1. Push control button on the side of the control box and release it.
2. The control will pop out. Turn the control to the desired setting.
3. Push the control in to lock it into place.

NOTE: Adjusting the Refrigerator and Freezer Controls to a higher (colder) than recommended setting will not cool the compartments any faster.

Adjusting Controls

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

If you need to adjust temperatures in the refrigerator or freezer, use the settings listed in the chart below as a guide. Wait at least 24 hours 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

Convertible Drawer Temperature Control

The control can be adjusted to properly chill meats or vegetables. The air inside the pan is cooled to prevent “spot” freezing and can be set to keep meats at the National Livestock and Meat Board recommended storage temperatures of 28° to 32°F (-2° to 0°C). The convertible vegetable/meat drawer control comes preset at the lowest meat setting.

To store meat:

Set the control to one of the three MEAT settings to store meat at its optimal storage temperature.

To store vegetables:

Set the control to VEG to store vegetables at their optimal storage temperatures.

NOTE: If food starts to freeze, move the control to the left (less cold). Remember to wait 24 hours between adjustments.

Crisper Humidity Control

(on some models)

You can control the amount of humidity in the moisture-sealed crisper. Adjust the control to any setting between LOW and HIGH.

LOW (open) for best storage of fruits and vegetables with skins.

HIGH (closed) for best storage of fresh, leafy vegetables.

Chilled Door Bin

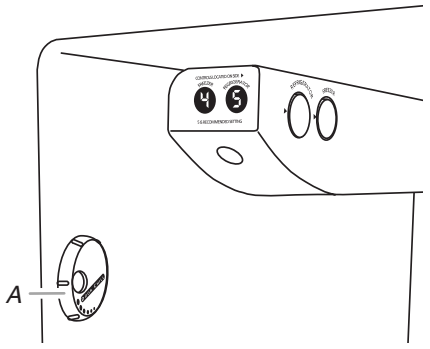
(on some models)

Cool air from the freezer is directed to the refrigerator door bin directly beneath the vents.

NOTE: The dairy compartment and can rack are not associated with the Chilled Door Bin feature.

Chilled Door Bin Control

The chilled door bin control is located on the left-hand side of the refrigerator compartment.



A. Chilled door bin control

- Turn the control clockwise (right) to reduce the flow of cold air to the bin and make it less cold.
- Turn the control counterclockwise (left) to increase the flow of cold air to the bin and make it colder.

Water and Ice Dispensers

(on some models)

⚠ WARNING

Cut Hazard

Use a sturdy glass when dispensing ice or water.

Failure to do so can result in cuts.

Depending on your model, you may have one or more of the following options: the ability to select either crushed or cubed ice, a special light that turns on when you use the dispenser, or a lock option to avoid unintentional dispensing.

NOTE:

- **Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.**
- If your model has a base grille filter system, make sure the base grille filter is properly installed.
- The dispensing system will not operate when the freezer door is open.

- After connecting the refrigerator to a water source, flush the water system by dispensing water into a sturdy container until you draw and discard 1.5 gal. (5.4 L) of water, or for approximately 3 minutes after the water begins dispensing. The flushing process cleans the water system and clears air from the lines. As the air is cleared from the lines, water may spurt out of the dispenser.
- Allow several hours for the refrigerator to cool down and chill water.
- Allow 24 hours to produce the first batch of ice. Discard the first three batches of ice produced.

The Water Dispenser

IMPORTANT: Dispense enough water every week to maintain a fresh supply.

To Dispense Water:

1. Press a sturdy glass against the water dispenser lever.
2. Remove the glass to stop dispensing.

The Ice Dispenser

The dispensing system will not operate when the freezer door is open. Ice dispenses from the ice maker storage bin in the freezer when the dispenser lever is pressed.

NOTE: Some models dispense both cubed and crushed ice. Before dispensing ice, select which type of ice you prefer.

For crushed ice, cubes are crushed before being dispensed. This may cause a slight delay when dispensing crushed ice. Noise from the ice crusher is normal, and pieces of ice may vary in size. When changing from crush to cube, a few ounces of crushed ice will be dispensed along with the first cubes.

To Dispense Ice:

1. Press the button to select the desired type of ice.
2. Press a sturdy glass against the ice dispenser lever. Hold the glass close to the dispenser opening so ice does not fall outside of the glass.

   IMPORTANT: You do not need to apply a lot of pressure to the lever in order to activate the ice dispenser. Pressing hard will not make the ice dispense faster or in greater quantities.
3. Remove the glass to stop dispensing.

The Dispenser Light

Style 1: The dispenser light can be turned on by pressing the ON button.

Style 2: When you use the dispenser, the lever will automatically turn the light on. If you want the light to be on continuously, you may choose either ON or NIGHT LIGHT.

ON: Press the LIGHT button to turn on the dispenser light.

NIGHT LIGHT: Press the LIGHT button a second time to select the Night Light. The dispenser light will automatically adjust to become brighter as the room brightens, dimmer as the room darkens.

OFF: Press the LIGHT button a third time to turn off the dispenser light.

The dispenser lights are LEDs which should not need to be changed. If it appears that your dispenser lights are not working, be sure that the light sensor is not blocked (in Night Light mode). See “Troubleshooting” for more information.

The Dispenser Lock (on some models)

Your dispenser can be turned off for easy cleaning or to prevent unintentional dispensing by small children and pets.

NOTE: The lock feature does not shut off power to the product, to the ice maker, or to the dispenser light. It simply deactivates the dispenser levers. The ice and water dispensers will not work.

Style 1: Press the LOCK button to lock the dispenser. Press the UNLOCK button to unlock the dispenser.

Style 2: Press and hold the LOCK OUT button to lock the dispenser. Press and hold the LOCK OUT button a second time to unlock the dispenser.

Ice Maker and Storage Bin

Turning the Ice Maker On/Off

The ON/OFF switch is located on the top right-hand side of the freezer compartment.

To turn on the ice maker, slide the control to the ON (left) position.

To manually turn off the ice maker, slide the control to the OFF (right) position.

NOTE: Your ice maker has an automatic shutoff. The ice maker sensors will automatically stop ice production, but the control will remain in the ON (left) position.

REMEMBER:

- Allow 24 hours to produce the first batch of ice. 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 use anything sharp to break up the ice in the storage bin. This can cause damage to the ice container and the dispenser mechanism.
- Do not store anything on top of or in the ice maker or storage bin.

Removing and Replacing Ice Storage Bin

1. Hold the base of the storage bin with both hands and press the release button to lift the storage bin up and out.

   NOTE: It is not necessary to turn the ice maker control to the OFF (right) position when removing the storage bin. The sensor cover (“flipper door”) on the left wall of the freezer stops the ice maker from producing ice if the door is open or the storage bin is removed.
2. Replace the storage bin on the door and push down to make sure it is securely in place.

Water Filtration System

NOTE: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Water Filter Status Light (on some models)

The water filter status light will help you know when to change your water filter. The light will change from green to yellow. This tells you that it is almost time to change the filter. It is recommended that you replace the water filter when the status light changes to red OR water flow to your water dispenser or ice maker decreases noticeably.

After changing the water filter, reset the water filter status light. The status light will change from red to green when the system is reset.

Non-indicator Water Filter (on some models)

If your refrigerator does not have the status light, you should change the water filter every 6 months depending upon your usage. If the water flow to the water dispenser or ice maker decreases noticeably before 6 months have passed, replace the water filter more often.

Using the Dispenser Without the Water Filter

You can run the dispenser without a water filter. Your water will not be filtered.

1. Remove the water filter.
2. Slide the cap off the end of the filter and replace the cap in the base grille.

   IMPORTANT: Do not discard the cap. It is part of your refrigerator. Keep the cap to use with the replacement filter.
3. Rotate the cap until it is securely in position.

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 prevent odors from building up. 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 prevent 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.
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: Not all bulbs will fit your refrigerator. Be sure to replace the bulb with one of the same size, shape and wattage. On some models, the dispenser light requires a heavy duty 10-watt bulb. All other lights require a 40-watt bulb. Replacement bulbs are available from your dealer.

1. Unplug refrigerator or disconnect power.
2. Remove light shield when applicable.

   NOTE: To clean the light shield, wash it with warm water and liquid detergent. Rinse and dry the shield well.
3. Remove light bulb and replace with one of the same size, shape and wattage.
4. Replace light shield when applicable.
5. Plug in refrigerator or reconnect power.

TROUBLESHOOTING

Try the solutions suggested here first in order to avoid the cost of an unnecessary service call.

Refrigerator Operation

The refrigerator will not operate

⚠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.

- **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 Controls.”
- **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 is 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 an explanation.

- **Buzzing** - heard when the water valve opens to fill the ice maker
- **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 cool-down
- **Water running** - may be heard when water melts during the defrost cycle and 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

⚠WARNING

Explosion Hazard

Use nonflammable cleaner.

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

Are the gaskets dirty or sticky? Clean gaskets with mild soap and warm water.

The lights do not work

- **Is a light bulb loose in the socket or burned out?** See “Changing the Light Bulbs.”
- **Is the dispenser light set to ON?** The dispenser light will operate only when the levers are pressed. If you want the dispenser light to stay on continuously, set the dispenser light to ON, or NIGHT LIGHT or AUTO. See “Water and Ice Dispensers.”
- **Is the dispenser light set to NIGHT LIGHT or AUTO?** If the dispenser is set to the NIGHT LIGHT or AUTO mode, be sure the dispenser light sensor is not blocked. See “Water and Ice Dispensers.”

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 Controls.”

There is interior moisture buildup

NOTE: Some moisture build-up is normal.

- **Humid room?** Contributes to moisture build-up.
- **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.
- **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.
- **Reverse osmosis water filtration system connected to your cold water supply?** This can decrease water pressure. See “Water Supply Requirements” in either the Installation Instruction booklet or the Use & Care Guide.

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.
- **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.
- **Is there a water filter installed on the refrigerator?** Gray or dark discoloration in ice indicates that the water filtration system needs additional flushing.

The ice dispenser will not operate properly

- **Freezer door closed completely?** Close the door firmly. If it does not close completely, see “The doors will not close completely.”
- **Ice bin installed correctly?** Be sure the ice bin is firmly in position.
- **New installation?** Wait 24 hours after ice maker installation for ice production to begin. Wait 72 hours for full ice production.
- **Ice stuck in the delivery chute?** Use a plastic utensil to clear the delivery chute.
- **Has the wrong ice been added to the bin?** Use only cubes produced by the current ice maker.
- **Has the ice melted around the auger (metal spiral) in the ice bin?** Dump the ice cubes and clean the ice bin.

⚠WARNING

Cut Hazard

Use a sturdy glass when dispensing ice or water.

Failure to do so can result in cuts.

- **Is the ice dispenser stalling while dispensing “crushed” ice?** Change the ice button from “crushed” to “cubed.” If cubed ice dispenses correctly, depress the button for “crushed” ice and begin dispensing again.
- **Has the dispenser arm been held in too long?** Ice will stop dispensing when the arm is held in too long. Wait 3 minutes for dispenser motor to reset before using again.

The water dispenser will not operate properly

- **Freezer door closed completely?** Close the door firmly. If it does not close completely, see “The doors will not close completely.”
- **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.
- **Is the water pressure at least 30 psi?** The water pressure to the home determines the flow from the dispenser. See “Water Supply Requirements.”
- K**ink in the home water source line?** Straighten the water source line.
- **New installation?** Flush and fill the water system.
- **Water filter installed on the refrigerator?** The filter may be clogged or incorrectly installed.
- **Is a reverse osmosis water filtration system connected to your cold water supply?** See “Water Supply Requirements” in either the Installation Instructions or the Use & Care Guide.

Water is leaking from the dispenser

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

⚠WARNING

Cut Hazard

Use a sturdy glass when dispensing ice or water.

Failure to do so can result in cuts.

- **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 “Ice and Water Dispensers.”
- **Recently changed water filter?** Flush the water system. See “Ice & Water Dispensers.”

The dispenser water is not cool enough

NOTE: Water from the dispenser is chilled to only 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.”

WATER FILTER CERTIFICATIONS

State of California
Department of Health Services

Water Treatment Device
Certificate Number

03 - 1550

Date Issued: January 21, 2003

Trademark/Model Designation	Replacement Elements	Rated Capacity
Whirlpool WF-NL240	NL240	240 gal
Whirlpool WF-L400	L400	400 gal

Manufacturer: Whirlpool Corp.

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity
None

Inorganic/Radiological Contaminants
None

Organic Contaminants
Lead

Rated Service Flow: 0.5 gpm

Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system.

State of California
Department of Health Services

Water Treatment Device
Certificate Number

03 - 1549

Date Issued: January 21, 2003

Trademark/Model Designation	Replacement Elements	Rated Capacity
Whirlpool WF-NL240V	NL240V	240 gal
Whirlpool WF-L400V	L400V	400 gal

Manufacturer: Whirlpool Corp.

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity
None

Inorganic/Radiological Contaminants
Lead
Mercury

Organic Contaminants
Benzene
p-dichlorobenzine
Toxaphene
Carbofuran

Rated Service Flow: 0.5 gpm

Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system.

PRODUCT DATA SHEETS

Base Grille Water Filtration System
Model WF-NL240/NL240 Capacity 240 Gallons (908 Liters)
Model WF-L400/L400 Capacity 400 Gallons (1514 Liters)

Tested and certified by NSF International against ANSI/NSF Standard 42 for the reduction of Chlorine Taste and Odor, Particulate Class II*; and against ANSI/NSF Standard 53 for the reduction of Lead.

This system has been tested according to ANSI/NSF 42/53 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in ANSI/NSF 42/53.

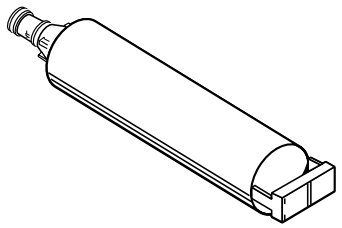
Substance Reduction Aesthetic Effects	**NSF Reduction Requirements**	**Average Influent**	**Influent Challenge Concentration**	**Maximum Effluent**	**Average Effluent**	**Minimum % Reduction**	**Average % Reduction**
Chlorine Taste/Odor Particulate Class II*	≥50% ≥85%	1.9 mg/L 833,333/mL	2.0 mg/L ± 10% At least 10,000 particles/mL	0.05 mg/L 100,000/mL**	0.05 mg/L 40,667/mL	97.4% 88.0%	97.4% 95.1%
Contaminant Reduction	**NSF Reduction Requirements**	**Average Influent**	**Influent Challenge Concentration**	**Maximum Effluent**	**Average Effluent**	**Minimum % Reduction**	**Average % Reduction**
Lead: @ pH 6.5 Lead: @ pH 8.5	0.01mg/L 0.01mg/L	0.15 mg/L*** 0.15 mg/L***	0.15 mg/L ± 10% 0.15 mg/L ± 10%	0.001 mg/L 0.003 mg/L	0.001 mg/L 0.001 mg/L	99.3% 97.9%	99.3% 99.0%

Test Parameters: pH = 7.5 ± 0.5 unless otherwise noted. Flow = 0.5 gpm (1.9 Lpm). Pressure = 60 psig (413.7 kPa). Temp. = 63°F (17.2°C).

- It is essential that operational, maintenance, and filter replacement requirements be carried out for the product to perform as advertised.
- **Model WF-NL240:** Change cartridge at least every 6 months. Use replacement cartridge NL240, part #4396508. 2005 suggested retail price of $32.99 U.S.A./$44.95 Canada. Prices are subject to change without notice.

  Model WF-L400: The filter monitor system measures the amount of water that passes through the filter and alerts you to replace the filter. When 90% of the filter's rated life is used, the filter indicator light changes from green to yellow. When 100% of the filter's rated life is used, the filter indicator light changes from yellow to red, and it is recommended that you replace the filter. Use replacement cartridge L400, part #4396508. 2005 suggested retail price of $32.99 U.S.A./ $44.95 Canada. Prices are subject to change without notice.
- The product is for cold water use only.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Refer to the front cover or "Assistance or Service" section for the Manufacturer's name, address and telephone number.
- Refer to the "Warranty" section for the Manufacturer's limited warranty.

Application Guidelines/Water Supply Parameters	
Water Supply	City or Well
Water Pressure	30 - 120 psi (207 - 827 kPa)
Water Temperature	33° - 100°F (0.6° - 37.8°C)
Service Flow Rate	0.5 gpm (1.9 Lpm) @ 60 psi.



* Class II particle size: >1 to <5

** Test requirement is at least 100,000 particles/mL of AC Fine Test Dust.

*** These contaminants are not necessarily in your water supply. Performance may vary based on local water conditions.

® NSF is a registered trademark of NSF International.

Base Grille Water Filtration System

Tested and certified by NSF International against ANSI/NSF Standard 42 for the reduction of Chlorine Taste and Odor, Particulate Class II*; and against ANSI/NSF Standard 53 for the reduction of Lead, Mercury, Benzene, Toxaphene, p-dichlorobenzene, and Carbofuran.

This system has been tested according to ANSI/NSF 42/53 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in ANSI/NSF 42/53.

Model WF-NL240V/NL240V Capacity 240 Gallons (908 Liters)

Substance Reduction Aesthetic Effects	NSF Reduction Requirements	Average Influent	Influent Challenge Concentration	Maximum Effluent	Average Effluent	Minimum % Reduction	Average % Reduction
Chlorine Taste/Odor Particulate Class II*	≥50% ≥85%	1.94 mg/L 833,333/mL	2.0 mg/L ± 10% At least 10,000 particles/ml	0.05 mg/L 100,000/mL**	0.05 mg/L 40,667/mL	97.4% 88.0%	97.4% 95.1%
Contaminant Reduction	**NSF Reduction Requirements**	**Average Influent**	**Influent Challenge Concentration**	**Maximum Effluent**	**Average Effluent**	**Minimum % Reduction**	**Average % Reduction**
Lead: @ pH 6.5 Lead: @ pH 8.5	0.01mg/L 0.01mg/L	0.15 mg/L*** 0.148 mg/L***	0.15 mg/L ± 10% 0.15 mg/L ± 10%	0.001 mg/L 0.003 mg/L	0.001 mg/L 0.001 mg/L	99.3% 97.9%	99.3% 99.0%
Mercury: @ pH 6.5 Mercury: @ pH 8.5	0.002 mg/L 0.002 mg/L	0.006 mg/L 0.0061 mg/L	0.006 mg/L ± 10% 0.006 mg/L ± 10%	0.0002 mg/L 0.0009 mg/L	0.0002 mg/L 0.00052 mg/L	96.60% 85.2%	96.6% 91.8%
Benzene	0.005 mg/L	0.014 mg/L	0.015 ± 10%	0.0005 mg/L	0.0005 mg/L	96.06%	96.06%
p-dichlorobenzene	0.075 mg/L	0.235 mg/L	0.225 ± 10%	0.0019 mg/L	0.0009 mg/L	99.1%	99.6%
Toxaphene	0.003 mg/L	0.014 mg/L	0.015 ± 10%	0.0012 mg/L	0.001 mg/L	92.7%	92.6%
Carbofuran	0.04 mg/L	0.077 mg/L	0.080 ± 10%	0.031 mg/L	0.0064 mg/L	61.03%	91.94%

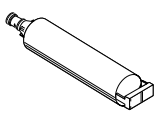
Model WF-L400V/L400V Capacity 400 Gallons (1514 Liters)

Substance Reduction Aesthetic Effects	NSF Reduction Requirement	Average Influent	Influent Challenge Concentration	Maximum Effluent	Average Effluent	Minimum % Reduction	Average % Reduction
Chlorine Taste/Odor Particulate Class II*	≥50% ≥85%	1.94 mg/L 833,333/mL	2.0 mg/L ± 10% At least 10,000 particles/ml	0.05 mg/L 100,000/mL**	0.05 mg/L 40,667/mL	97.4% 88.0%	97.4% 95.1%
Contaminant Reduction	**NSF Reduction Requirement**	**Average Influent**	**Influent Challenge Concentration**	**Maximum Effluent**	**Average Effluent**	**Minimum % Reduction**	**Average % Reduction**
Lead: @ pH 6.5 Lead: @ pH 8.5	0.01mg/L 0.01mg/L	0.15 mg/L*** 0.148 mg/L***	0.15 mg/L ± 10% 0.15 mg/L ± 10%	0.001 mg/L 0.003 mg/L	0.001 mg/L 0.0014 mg/L	99.3% 97.9%	99.3% 99.3%
Mercury: @ pH 6.5 Mercury: @ pH 8.5	0.002 mg/L 0.002 mg/L	0.0061 mg/L 0.0061 mg/L	0.006 mg/L ± 10% 0.006 mg/L ± 10%	0.0002 mg/L 0.0009 mg/L	0.0002 mg/L 0.00052 mg/L	96.60% 85.2%	96.6% 91.8%
Benzene	0.005 mg/L	0.014 mg/L	0.015 ± 10%	0.0005 mg/L	0.0005 mg/L	96.06%	96.06%
p-dichlorobenzene	0.075 mg/L	0.235 mg/L	0.225 ± 10%	0.0019 mg/L	0.0009 mg/L	99.1%	99.6%
Toxaphene	0.003 mg/L	0.014 mg/L	0.015 ± 10%	0.0012 mg/L	0.001 mg/L	92.7%	92.6%
Carbofuran	0.04 mg/L	0.077 mg/L	0.080 ± 10%	0.031 mg/L	0.0064 mg/L	61.03%	91.94%

- It is essential that operational, maintenance, and filter replacement requirements be carried out for the product to perform as advertised.
- **Model WF-NL240V:** Change cartridge at least every 6 months. Use replacement cartridge NL240V, part #4396509. 2005 suggested retail price of $35.99 U.S.A./$59.95 Canada. Prices are subject to change without notice.

  Model WF-L400V: The filter monitor system measures the amount of water that passes through the filter and alerts you to replace the filter. When 90% of the filter's rated life is used, the filter indicator light changes from green to yellow. When 100% of the filter's rated life is used, the filter indicator light changes from yellow to red, and it is recommended that you replace the filter. Use replacement cartridge L400V, part #4396509. 2005 suggested retail price of $35.99 U.S.A./$59.95 Canada. Prices are subject to change without notice.
- The product is for cold water use only.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Refer to the front cover or "Assistance or Service" section for the Manufacturer's name, address and telephone number.
- Refer to the "Warranty" section for the Manufacturer's limited warranty.

Application Guidelines/Water Supply Parameters	
Water Supply	City or Well
Water Pressure	30 - 120 psi (207 - 827 kPa)
Water Temperature	33° - 100°F (0.6° - 37.8°C)
Service Flow Rate	0.5 gpm (1.9 L/min.) @ 60 psi.



*Class II particle size: >1 to <5

**Test requirement is at least 100,000 particles/mL of AC Fine Test Dust.

***These contaminants are not necessarily in your water supply. Performance may vary based on local water conditions.

® NSF is a registered trademark of NSF International.

WHIRLPOOL® REFRIGERATOR WARRANTY

ONE-YEAR FULL WARRANTY ON REFRIGERATOR

For one year from the date of purchase, when this refrigerator (excluding the water filter) is operated and maintained according to instructions attached to or furnished with the product, Whirlpool Corporation or Whirlpool Canada LP will pay for FSP® replacement parts and repair labor costs to correct defects in materials or workmanship. Service must be provided by a Whirlpool designated service company.

On models with a water filter: 30 day limited warranty on water filter. For 30 days from the date of purchase, when this filter is operated and maintained according to instructions attached to or furnished with the product, Whirlpool Corporation or Whirlpool Canada LP will pay for replacement parts to correct defects in materials and workmanship.

SECOND THROUGH FIFTH YEAR FULL WARRANTY ON SEALED REFRIGERATION SYSTEM PARTS AS LISTED

In the second through fifth years from the date of purchase, when this refrigerator is operated and maintained according to instructions attached to or furnished with the product, Whirlpool Corporation or Whirlpool Canada LP will pay for FSP® replacement parts and repair labor costs to correct defects in materials or workmanship in the sealed refrigeration system. These parts are: compressor, evaporator, condenser, dryer, and connecting tubing. Service must be provided by a Whirlpool designated service company.

Whirlpool Corporation or Whirlpool Canada LP will not pay for:

1. Service calls to correct the installation of your refrigerator, to instruct you how to use your refrigerator, to replace house fuses or correct house wiring or plumbing, to replace light bulbs, or replacement water filters other than as noted above.
2. Repairs when your refrigerator is used in other than normal, single-family household use.
3. Pickup and delivery. Your refrigerator is designed to be repaired in the home.
4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, improper installation, acts of God, or use of products not approved by Whirlpool Corporation or Whirlpool Canada LP.
5. Any food loss due to product failure.
6. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
7. Replacement parts or repair labor costs for units operated outside the United States or Canada.
8. In Canada, travel or transportation expenses for customers who reside in remote areas.

WHIRLPOOL CORPORATION OR WHIRLPOOL CANADA LP SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES

Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

Outside the 50 United States and Canada, this warranty does not apply. Contact your authorized Whirlpool dealer to determine if another warranty applies.

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